

County Borough



of Blackburn.

EDUCATION COMMITTEE.

ANNUAL REPORT

For the Year 1912,

BY

ALFRED GREENWOOD, M.D., B.Sc., D.P.H.,
BARRISTER-AT-LAW,
MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER.

BLACKBURN:

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PUBLIC HEALTH OFFICE,
BLACKBURN,

March 17th, 1913.

*To the Chairman and Members of the Education Committee
of the County Borough of Blackburn.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit to you my ninth Annual Report upon the work carried out as School Medical Officer for the year ending December 31st, 1912.

As in previous years, the material of this Report has been divided into the following Sections:—

Section I.—School Attendance in Blackburn during 1912.

Section II.—Sanitary Improvements in Blackburn Public Elementary Schools during 1912.

Section III.—Infectious Diseases in the same Schools during 1912.

Section IV.—Medical Inspection of Blackburn School Children during 1912.

As usual, Section IV. occupies the greater part of the Report, because of its great importance. I am indebted to my chief clerk, Mr. Fowler, for much willing and valuable assistance in the preparation thereof.

As this is the last Report which I shall present to you, I wish to thank you most sincerely for the unvarying help and kindness which I have received from you, collectively and individually, and without which the work could not have been so successful. The progress made in the medico-educational work of Blackburn during the past nine years has been remarkable, and a large amount of pioneer work has been carried out. Such progress is due to the admirable spirit in which you have undertaken the important duties imposed by legislation, and it has been a great privilege to me to be associated with you in this work.

I am, Ladies and Gentlemen,

Your obedient servant,

ALFRED GREENWOOD

(School Medical Officer).



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SECTION I.

School Attendance in Blackburn during 1912.

**I.—SCHOOL ATTENDANCE IN BLACKBURN
DURING 1912.**

The following Table shows the accommodation and the average attendance at each School in Blackburn during the year 1912.

TABLE I.

NAME OF SCHOOL	School Accommodation	Average attendance for the year 1912.	
		1	2
Accrington Road	842	407	398
Audley Range	617	455	445
All Saints'	428	294	288
Bank Top	567	425	415
Bangor Street... ..	905	513	503
Cedar Street	580	425	416
Christ Church	971	715	697
Emmanuel	529	498	485
Furthergate	590	471	459
Four Lanes End	181	148	146
Griffin	759	494	479
Holy Trinity	470	438	427
Lower Darwen Council	287	160	157
Maudsley Street	592	367	356
Moss Street	749	529	514
Mill Hill Council	859	522	509
Mill Hill C.E.	297	274	268
Parish Higher Grade	675	429	429
Park Road	733	517	505
Sacred Heart	153	130	128
St. Alban's	1084	897	876
St. Alban's Higher Grade	101	65	65
St. Anne's	956	691	677
St. Andrew's	339	296	287
St. Barnabas'	622	497	487
St. Bartholomew's	358	303	294
St. Gabriel's	194	183	180
St. James' C.E.	280	144	142
St. James' C.E., Black-a-Moor...	324	96	94
St. James' C.E., Guide	300	110	107
St. John's C.E.	935	651	640
St. Joseph's	771	557	540
St. Luke's	588	409	399
St. Mary's	694	524	516
St. Matthew's	693	438	427
St. Michael's	591	414	401
St. Paul's	794	489	479
St. Peter's C.E.	637	298	292
St. Peter's R.C.	493	458	446
St. Silas'	678	433	429
St. Stephen's	554	495	484
St. Thomas'	699	573	559
Wensley Fold	435	395	386
Witton Infants'	207	96	96
Regent Street	80	68	68
Blakey Moor Council	421	365	365
Higher Elementary	392	240	240

(1) Average on which grant was paid ... 18,396

(2) Actual average attendance 18,000

The following Table shows the average school attendance, with the cause of fall in average attendance; and also the number of infected houses reported by the Medical Officer of Health to the Education Department during the year 1912. The last column only includes those diseases which are compulsorily notifiable under the Infectious Diseases Notification Act, and does not refer to such diseases as Measles, Whooping Cough, Mumps, etc., which are voluntarily notifiable diseases.

TABLE II.

Month	Actual Average Attendance	Cause of Fall in Average Attendance	No. of houses reported from the Health Department as containing In- fectious Diseases
1912.			
January ...	18335	.....	24
February ..	17734	Measles and Chicken Pox. Seven Infant Departments affected. Weather unfavourable, much Influenza, etc.	19
March	17594	Measles. 12 Infant Departments more seriously affected. Chicken Pox, etc.	19
April	17955	Measles	9
May	8053	Measles, Chicken Pox, and Whooping Cough	15
June	17962	Measles, Whooping Cough, and Ringworm	21
July	17814	Measles, Whooping Cough, and Ringworm	14
August	Holidays	Holidays	8
September.	18721	.....	9
October ...	18650	.....	16
November..	18060	Whooping Cough, etc., and the weather	22
December..	17669	Whooping Cough, Influenza, etc., caused through the inclement weather	14

There was no necessity to close any School in Blackburn during 1912 on account of any outbreak of infectious disease.

SECTION II.

**Sanitary Improvements in Blackburn Schools
during 1912.**

II.—SANITARY IMPROVEMENTS IN BLACKBURN SCHOOLS DURING 1912.

All the Schools have been inspected in order to ascertain the sanitary improvements which have been carried out during the year.

The following is a brief description of the work which has been carried out at those Schools where sanitary improvements have been made during 1912.

At the Schools not mentioned specially, either all my previous recommendations have been carried out, or no sanitary improvements have been effected during the year under review.

The Schools will be indicated by the same numbers which have been used in my former Reports.

Several classrooms named in this section are described by certain numbers. These refer to the correspondingly numbered classrooms on the plans of the various Schools which appeared in my detailed report upon the sanitary conditions of Blackburn Schools, and which was written in 1904.

The following is a list of the forty-eight Public Elementary Schools of the Borough.

- | | |
|--------------------------------------|-------------------------------|
| 1.—St. Gabriel's. | 13.—St. Silas'. |
| 2.—Four Lanes End. | 14.—Higher Elementary School. |
| 3.—Cedar Street. | 15.—Blakey Moor Council. |
| 4.—St. James' (Shear Brow). | 16.—St. Alban's (G. and I.). |
| 5.—Bangor Street Council. | 17.—St. Alban's H.G. (Boys). |
| 6.—St. Stephen's. | 18.—Holy Trinity. |
| 7.—St. Michael's. | 19.—St. Paul's. |
| 9.—Moss Street. | 21.—Furthergate. |
| 10.—Sacred Heart. | 22.—St. Barnabas'. |
| 11.—St. John's. | 23.—St. Thomas'. |
| 12.—Regent Street Special
School. | 24.—Accrington Road. |
| | 26.—St. Anne's. |

- | | |
|----------------------------|-------------------------------|
| 27.—St. Mary's H.G. | 42.—Christ Church (Mosley |
| 28.—St. Matthew's. | Street). |
| 29.—Maudsley Street. | 43.—Christ Church (Rockcliffe |
| 30.—St. Joseph's. | Street). |
| 31.—Wensley Fold | 44.—St. Peter's, Mill Hill. |
| 32.—St. Peter's. | 45.—Emmanuel. |
| 34.—Audley Range. | 46.—Mill Hill. |
| 35.—Bank Top. | 47.—Mill Hill. |
| 36.—St. Mary's, Islington. | 48.—St. Andrew's. |
| 37.—St. Luke's. | 49.—St. Bartholomew's. |
| 38.—Park Road. | 50.—St. James', Guide. |
| 39.—Witton Infants. | 51.—St. James', Black-a-Moor. |
| 40.—Griffin. | 52.—Lower Darwen Council. |
| 41.—All Saints. | |
-

4.—ST. JAMES' SCHOOL (SHEAR BROW).

This School has been re-decorated throughout. The walls have been painted green and the ceilings whitened.

6.—ST. STEPHEN'S SCHOOL.

During the year it was found that dry rot existed in classrooms Nos. 2 and 3. To remedy this it has been necessary to remove the dados and other timber on the sides of the rooms affected. The walls have been plastered in place of the dados.

The boundary walls of the school yard have been pointed and repaired.

7.—ST. MICHAEL'S SCHOOL.

An improvement to the heating apparatus has been carried out by fixing a new boiler of approved type in lieu of the old one.

13.—ST. SILAS' SCHOOL.

During the year the playgrounds of the boys', girls', and infants' departments have been levelled, asphalted, and flagged, and the pavement of setts widened six feet, so that now the whole of the playground at this School has an impervious surface. This new work in the boys' playground measures 627 square yards. The new work in the girls' and infants' playground measures 909 square yards; the area of the whole measures 1,275 square yards.

Shrubberies have been planted near the girls' and infants' offices, and also at the entrance to the School, in New Bank Road.

The basement of the School has been re-flagged.

During the year it was found that dry rot existed in classrooms Nos. 1 and 2, situated on the ground floor and occupied by scholars of the senior department. To remedy this it has been necessary to remove the affected timber.

Special air grates have been fixed in the outside walls beneath the floor level, so as to ensure ventilation of the space.

17.—ST. ALBAN'S H.G. SCHOOL (BOYS).

This School has been re-decorated throughout. The walls have been painted green and the ceilings whitened.

19.—ST. PAUL'S SCHOOL.

This School has been painted and decorated throughout.

21.—FURTHERGATE SCHOOL.

In the two classrooms situated one at the east end and one at the west end of the main schoolroom (No. 6

on the first floor) improvements in ventilation have been made by fixing in each room two window panes, 40in. $\times$ 28in., made to open by a swivel arrangement. The fan-light windows over the doors of the west classroom and the main schoolroom (No. 6) west end, have been constructed to open on the hopper principle, 60in. $\times$ 12in.

26.—ST. ANNE'S SCHOOL.

The window frames have been painted outside, the surface of the playground repaired, and the walls pointed.

31.—WENSLEY FOLD SCHOOL.

This School has been painted and decorated throughout.

34.—AUDLEY RANGE SCHOOL.

An additional doorway has been constructed in the girls' cloakroom, in order to facilitate entrance and exit. Two upper panes in the window have been made to open, so as to assist ventilation.

In the boys' cloakroom a movable rack has been provided with 42 hooks, and extra hooks have been fixed on the walls.

The wall in front of the sanitary conveniences has been raised to ensure greater privacy.

35.—BANK TOP SCHOOL.

The surface of the playground has been repaired. New window fasteners have been provided so as to regulate the opening of the windows. A towel-rail has been fixed in the cloakroom of the infants' department.

Other minor repairs have also been carried out.

36.—ST. MARY'S R.C. SCHOOL.

The gallery has been removed from the infants' classroom.

39.—WITTON INFANTS' SCHOOL.

This School has been painted and decorated throughout.

41.—ALL SAINTS' SCHOOL.

Two white enamelled lavatory basins have been provided. The connecting waste pipe has been trapped and made to discharge over a gully outside.

Two panes of clear glass, 4ft. 2in. $\times$ 1ft. 6in., have been substituted for obscure glass.

44.—ST. PETER'S R.C. SCHOOL, MILL HILL.

An additional classroom has been provided in the boys' department at the north end of the Church on the first floor.

This room measures 21ft. 7in. $\times$ 20ft. 5in. $\times$ 12ft.

The classroom is separated from the Church by means of a movable glazed partition extending to the ceiling, and consists of wood to a height of 4ft. 6in. from the floor, the remainder being of glass. The top portion of this partition to a depth of 1ft. is made to open.

The lighting is by means of one window, which gives a lighting area of 37 sq. feet, or one-eleventh of the floor space. The lighting of this classroom is supplemented by light from the Church through the glazed partition.

One window pane, measuring 24in. $\times$ 21in., is made to open by a swivel arrangement.

The floor is constructed of tongued and grooved boards, and there is a dado on three sides to a height of 4ft. 6in. The remainder of the walls are plastered.

There is no permanent ventilation in this room, but this matter is receiving attention.

46.—MILL HILL COUNCIL SCHOOL.

Flagged footways have been laid from the School doors to the sanitary conveniences.

48.—ST. ANDREW'S SCHOOL.

This School has been decorated throughout, and the playground covered with ashes.

49.—ST. BARTHOLOMEW'S SCHOOL.

A new door has been fixed on the ashpit and the playground covered with ashes.

The sanitary conditions of the Public Elementary Schools of Blackburn continue to improve.

There is still much to be done, however. Schoolroom floors should be cleansed more frequently, and school caretakers should carry out their work thoroughly. The existing means of ventilating classrooms should be used more frequently.

Sets of Temperature Charts have again been supplied to all the Schools for the purpose of recording twice daily the temperature of each classroom. Where such readings have been too high, or too low, special note has been taken for future remedial measures.

SECTION III.

**Infectious Diseases in Blackburn Schools
during 1912.**

III.—INFECTIOUS DISEASES IN BLACKBURN SCHOOLS DURING 1912.

The Infectious Diseases, Scarlet Fever, Diphtheria, and Typhoid Fever are compulsorily notifiable by Medical Practitioners to the Medical Officer of Health.

With respect to Measles, Whooping Cough, Chickenpox, and Mumps, which are voluntarily notifiable, reliance must be placed upon the observation and promptitude of teachers in the various Schools.

During 1912, there was an increase in the number of reported cases of Whooping Cough and Chickenpox as compared with the year 1911.

There was a decrease in the number of reported cases of Measles, Scarlet Fever, Diphtheria, Typhoid Fever, and Mumps, as compared with the year 1911.

All the reported cases of Measles, Mumps, Chickenpox, and Whooping Cough were visited by the Lady Health Visitors, and in this connection 1,721 children were seen at their homes.

It was found that there was an improvement in the number of parents calling in a medical man in cases of Measles, etc., compared with former years; but the greatest difficulty still exists in persuading the parents to isolate the patient in a satisfactory manner, even when this can be done. It is to be hoped that more attention will be given to this matter in the future.

The following particulars indicate the number of cases of the above diseases which were reported as occurring amongst children of the various Schools during 1912.

Other particulars respecting these Infectious Diseases affecting the Borough as a whole may be found in my Annual Report to the Health Committee for the year 1912.

MEASLES.

There was a decrease in the number of cases of Measles reported from the Schools during 1912, namely, 938 cases, compared with 942 cases reported during the year 1911.

Of these 938 cases reported, 929 were visited by the Lady Health Visitors.

With reference to the 929 cases investigated by the Lady Health Visitors, 449 were males and 480 were females. In 534 cases, or 57.4 per cent., a medical man was in attendance; but in the remaining 395 cases, or 42.5 per cent., no medical man was called in, although the parents were advised to do so.

In 355 cases an attempt at home isolation was made, but in the remaining 574 cases there was no isolation.

The following Table indicates the number of reported cases of Measles occurring in each School, monthly, during 1912, from which it will be seen that the greatest number were reported during April.

TABLE III.—Measles in Schools during 1912.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road	...	1	...	1	...	3	2	...	...	...	...	...	7
Audley Range	...	...	...	...	4	4	1	...	...	...	...	...	9
All Saints'	...	...	8	2	...	...	...	...	...	...	...	...	10
Bank Top	...	16	17	...	1	...	...	...	...	...	...	...	34
Cedar Street	...	...	1	3	3	...	...	...	...	2	22	9	40
Christ Church	1	...	...	...	...	7	16	...	...	...	...	...	24
Emmanuel	...	2	1	...	1	3	18	...	...	1	...	...	26
Furthergate	...	...	...	2	...	31	6	...	...	...	...	...	39
Four Lanes End	...	...	16	9	4	...	...	...	...	...	...	...	29
Griffin	...	...	...	...	...	2	1	...	...	...	...	...	3
Holy Trinity	...	...	1	34	4	1	...	...	...	...	...	...	40
Lower Darwen C.	...	...	...	...	...	...	1	...	...	...	...	...	1
Maudsley Street	...	...	...	22	4	...	5	...	...	...	...	...	31
Moss Street	...	...	1	12	19	3	...	...	...	...	1	...	36
Mill Hill C.	...	16	3	...	7	4	5	...	...	...	...	...	35
Norfolk Street	...	...	...	1	...	21	2	...	...	...	...	...	24
Parish Higher Grade ..	...	...	1	13	2	...	1	...	...	...	...	...	17
Blakey Moor C.	...	...	1	...	...	1	...	...	...	...	...	...	2
Higher Elementary ...	...	...	...	...	2	...	...	...	...	...	...	...	2
Park Road	5	1	2	12	...	...	1	...	...	...	...	...	21
Sacred Heart	...	...	1	...	...	...	1	...	...	...	...	...	2
St. Alban's	...	...	4	51	4	1	...	...	...	...	...	...	60
H.G.	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	2	2	7	2	...	...	2	...	...	...	...	...	15
St. Andrew's	...	...	...	...	...	5	18	...	1	...	...	...	24
St. Barnabas'	...	24	4	...	...	...	...	...	...	...	...	...	28
St. Bartholomew's	...	...	...	...	...	2	20	1	...	...	...	...	23
St. Gabriel's	...	...	...	3	...	...	1	...	...	...	...	...	4
St. James' C.E.	...	11	7	1	...	...	...	...	...	...	...	...	19
Black-a-Moor	...	...	...	1	9	2	5	...	...	...	...	...	17
Guide	...	...	...	...	...	...	...	...	...	...	...	...	...
St. John's	...	6	10	7	1	...	2	...	1	...	1	...	28
St. Joseph's	1	1	...	...	3	26	3	...	...	...	...	...	34
St. Luke's	3	2	...	...	...	...	8	...	...	...	...	...	13
St. Mary's R.C.	...	...	...	...	2	1	...	...	...	...	...	...	3
St. Matthew's	...	1	1	...	1	23	1	...	...	...	...	...	27
St. Michael's	...	1	3	17	5	...	...	...	...	...	1	...	27
St. Paul's	...	...	1	17	5	...	...	...	...	2	...	...	25
St. Peter's N.	...	...	...	3	...	1	1	...	...	...	...	...	5
R.C.	4	...	...	...	...	1	...	...	...	...	...	...	5
St. Silas'	...	1	...	2	...	4	12	1	...	...	...	...	20
St. Stephen's	...	...	1	10	3	...	...	...	...	...	...	...	14
St. Thomas'	...	...	...	...	12	44	6	...	...	...	...	...	62
Wensley Fold	...	1	2	4	3	...	1	...	...	...	...	...	11
Bangor Street	...	...	33	8	...	...	...	...	...	...	...	...	41
Witton Infants	...	1	...	...	...	...	...	...	...	...	...	...	1
TOTALS ...	16	87	126	237	99	190	140	2	2	5	25	9	938

SCARLET FEVER.

The total number of cases of this disease reported in the whole Borough during 1912 was 116, as compared with 343 cases during 1911.

Of the above 116 cases, 67 occurred amongst school children, or 57.7 per cent.

Similar percentages for several previous years were as follows:—

<i>Year.</i>	<i>Percentage.</i>
1904	65.9
1905	66.7
1906	60.5
1907	60.8
1908	64.7
1909	62.9
1910	61.7
1911	58.0

The following Table indicates the number of notified cases of Scarlet Fever occurring in each School, monthly, during 1912, from which it may be seen that the incidence of this disease was extremely small.

TABLE IV.—Scarlet Fever in Schools during 1912.

SCHOOL.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total.
Accrington Road	2	...	...	...	...	...	...	...	...	1	...	...	3
Audley Range	...	...	...	...	...	...	...	...	...	...	...	...	...
All Saints'	...	...	...	...	...	...	...	...	1	...	2	...	3
Bank Top	...	...	...	...	...	...	...	...	...	...	1	...	1
Cedar Street	...	...	...	...	...	...	...	...	...	...	...	1	1
Christ Church	...	...	...	...	...	...	...	...	...	...	...	...	...
Emmanuel	...	...	1	...	...	...	1	...	...	...	...	...	2
Furthergate	1	...	...	...	...	...	...	...	...	1	...	...	2
Four Lanes End	...	...	...	...	...	...	...	...	...	...	...	...	...
Griffin	...	...	...	...	...	...	...	...	...	...	...	...	...
Holy Trinity	...	...	...	...	3	...	...	...	...	...	...	...	3
Lower Darwen C.	...	...	...	...	...	...	...	...	...	...	...	1	1
Maudsley Street	...	...	...	...	...	...	...	...	...	...	...	...	...
Moss Street	...	...	...	...	...	1	...	...	...	...	...	...	1
Mill Hill C.	3	...	...	...	...	1	...	...	...	1	...	...	5
Norfolk Street	...	...	...	...	...	1	...	...	...	...	...	...	1
Parish Higher Grade ..	...	...	...	...	...	...	...	...	...	...	2	...	2
Blakey Moor C.	...	...	...	...	...	...	...	...	...	...	...	...	...
Higher Elementary ...	1	...	...	...	...	...	...	...	...	...	...	...	1
Park Road	...	1	...	...	...	...	...	...	...	...	...	1	2
Sacred Heart	...	1	...	...	...	...	...	...	...	...	...	...	1
St. Alban's	...	...	...	...	...	...	...	...	...	...	...	...	...
„ H.G.	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	...	...	...	...	...	...	...	...	...	1	...	1	2
St. Andrew's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Barnabas'	...	...	...	...	...	...	...	...	...	...	3	...	3
St. Bartholomew's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Gabriel's	...	...	...	...	...	...	...	...	...	...	...	1	1
St. James's C.E.	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Black-a-Moor	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Guide	...	...	...	...	...	...	...	...	...	...	...	...	...
St. John's	2	1	...	...	...	...	...	...	...	...	...	...	3
St. Joseph's	...	...	1	...	...	...	...	...	...	...	...	...	1
St. Luke's	...	...	...	1	...	...	...	...	...	...	...	...	1
St. Mary's R.C.	...	...	...	...	...	...	...	...	...	1	...	...	1
St. Matthew's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Michael's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Paul's	...	...	...	...	...	1	...	...	...	2	1	...	4
St. Peter's N.	...	...	...	...	...	...	...	...	...	1	...	...	1
„ R.C.	...	1	...	...	...	...	...	...	...	...	...	...	1
St. Silas'	4	1	3	...	...	...	...	...	...	1	...	...	9
St. Stephen's	...	...	...	...	...	...	...	...	1	...	...	...	1
St. Thomas'	...	...	...	...	...	...	...	...	...	...	...	...	...
Wensley Fold	1	...	...	...	...	...	...	...	...	...	...	...	1
Bangor Street	...	...	1	...	...	...	...	...	...	...	...	1	2
Witton Infants	...	...	...	...	...	...	...	...	...	...	1	...	1
High School	...	1	...	...	...	...	...	...	...	...	...	...	1
St. Oswald's	...	1	...	...	...	...	...	...	...	...	...	...	1
Private Schools—													
A	...	1	...	...	...	...	...	...	...	...	1	...	2
B	...	...	...	...	1	...	...	1	...	...	...	...	2
TOTALS ...	14	8	6	1	4	4	1	1	2	9	11	6	67

DIPHTHERIA.

The total number of cases of this disease reported in the whole Borough during 1912 was 55, compared with 107 cases during 1911.

Of these 55 cases, 23, or 41.8 per cent., occurred amongst school children.

Similar percentages for several previous years were as follows:—

<i>Year.</i>	<i>Percentage.</i>
1904	40.0
1905	47.7
1906	50.0
1907	54.0
1908	50.0
1909	48.0
1910	58.3
1911	57.9

The following Table indicates the number of notified cases of Diphtheria occurring in each School, monthly, during 1912, from which it will be seen that the incidence of this disease was also extremely small.

TABLE V.—Diphtheria in Schools during 1912.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road	..	..	..	..	..	..	..	..	..	1	..	..	1
Audley Range	..	..	..	..	..	..	..	..	..	1	..	..	1
All Saints'	..	..	..	..	..	..	..	..	..	..	..	..	..
Bank Top	..	..	..	..	..	..	..	..	..	..	..	..	..
Cedar Street	..	..	..	..	..	..	..	..	..	..	..	..	..
Christ Church	..	..	..	..	..	..	..	..	..	..	..	..	..
Emmanuel	..	..	..	..	..	..	..	..	..	..	..	..	..
Furthergate	..	..	..	..	..	..	..	..	..	..	..	..	..
Four Lanes End	..	..	..	..	..	..	..	..	..	..	..	..	..
Griffin	..	..	1	1	..	..	1	..	..	..	..	..	3
Holy Trinity	..	..	..	..	..	..	..	..	..	1	..	..	1
Lower Darwen C.	..	..	..	..	..	1	..	..	..	..	..	..	1
Maudsley Street	..	..	..	..	1	..	..	..	..	..	..	..	1
Moss Street	..	..	..	..	..	..	..	..	..	..	..	..	..
Mill Hill C.	..	..	..	..	..	..	..	..	..	..	..	..	..
Norfolk Street	..	..	..	..	..	..	..	..	..	..	..	..	..
Parish Higher Grade ..	1	..	..	..	..	..	..	..	..	..	..	..	1
Blakey Moor C.	..	..	..	..	..	1	..	..	..	..	..	..	1
Higher Elementary ..	..	..	..	..	..	..	..	..	..	1	..	..	1
Park Road	..	..	..	..	..	..	1	..	..	..	..	..	1
Sacred Heart	1	..	..	..	..	..	..	..	..	..	..	..	1
St. Alban's	..	..	..	..	..	..	..	..	..	..	1	..	1
„ H.G.	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	..	..	..	..	..	..	..	..	..	..	1	..	1
St. Andrew's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Barnabas'	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Bartholomew's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Gabriel's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. James S.B.	..	..	..	..	..	..	..	..	..	..	..	..	..
„ Black-a-Moor ..	..	..	..	..	..	..	..	..	..	..	..	..	..
„ Guide	..	..	..	..	..	..	..	..	..	..	..	..	..
St. John's	..	..	1	..	..	..	1	..	..	..	..	..	2
St. Joseph's	1	..	..	..	..	..	..	..	..	..	1	..	2
St. Luke's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Mary's R.C.	..	..	..	..	1	..	..	..	..	..	..	..	1
St. Matthew's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Michael's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's N.	..	..	..	..	..	..	..	..	..	..	..	..	..
„ R.C.	1	..	..	..	..	..	..	..	..	..	..	..	1
St. Silas'	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Stephen's	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Thomas'	..	..	..	..	..	..	..	..	..	..	..	..	..
Wensley Fold	..	..	..	..	..	..	..	..	..	..	..	..	..
Bangor Street	1	..	..	..	2	..	..	..	..	..	..	..	3
Witton Infants	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS	5	..	2	1	4	2	3	..	..	3	3	..	23

TYPHOID FEVER.

The total number of cases of this disease reported in the whole Borough during 1912 was 26, as compared with 49 cases during 1911.

Of these 26 cases, 3, or 11.5 per cent., occurred amongst school children.

Similar percentages for several previous years were as follows :—

<i>Year.</i>	<i>Percentage.</i>
1905	33.3
1906	31.7
1907	21.3
1908	22.3
1909	26.0
1910	23.9
1911	24.0

The following Table indicates the number of notified cases of Typhoid Fever occurring in each School, monthly, during 1912, from which it will be seen that the incidence of this disease was remarkably low.

WHOOPIING COUGH.

There was an increase in the number of cases of Whooping Cough reported from the Schools during 1912, namely, 323 cases, as compared with 209 cases reported during 1911.

Of these 323 cases, 317 were visited by the Lady Health Visitors.

With reference to the 317 cases investigated, 131 were males, and 186 were females. In 151 cases, or 47.6 per cent., a medical man was in attendance; but in the remaining 166 cases, or 52.3 per cent., no medical man was in attendance, although the parents were advised to call in their family doctor.

In only 13 cases was any attempt made at home isolation.

The following Table indicates the number of reported cases of Whooping Cough occurring in each School, monthly, during 1912, from which it will be seen that the worst month was September.

TABLE VII.—Whooping Cough in Schools during 1912.

SCHOOL.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accerington Road	...	...	...	...	...	...	...	...	4	...	...	...	4
Audley Range	...	...	...	...	...	...	...	...	6	...	1	...	7
All Saints'	...	...	...	...	1	...	...	...	...	...	...	1	2
Bank Top	...	...	...	...	...	...	...	...	1	1	1	...	3
Cedar Street	...	...	...	...	...	...	...	...	1	...	...	...	1
Christ Church	...	...	...	1	...	...	5	...	1	1	...	...	8
Emmanuel	...	...	...	...	...	...	...	...	5	1	21	1	28
Furthergate	...	...	1	...	8	3	4	...	...	...	...	...	16
Four Lanes End	...	...	1	...	...	...	...	...	...	...	...	...	1
Griffin	...	...	...	...	...	...	...	...	...	...	2	...	2
Holy Trinity	...	...	...	...	1	...	...	...	3	...	4	3	11
Lower Darwen C.	...	...	...	...	...	...	...	...	...	...	...	...	...
Maudsley Street	...	...	...	...	...	...	...	...	...	1	7	...	8
Moss Street	...	...	...	...	1	...	1	...	...	2	1	...	5
Mill Hill C.	...	...	...	...	...	1	...	...	...	...	...	...	1
Norfolk Street	...	...	...	...	...	...	...	...	1	...	...	...	1
Parish Higher Grade ..	...	...	...	...	...	...	...	...	3	2	1	...	6
Blakey Moor C.	...	...	1	...	...	...	...	...	...	...	...	...	1
Higher Elementary ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Park Road	...	...	...	...	...	1	...	...	2	...	1	...	4
Sacred Heart	...	...	...	...	...	1	...	...	2	...	...	1	4
St. Alban's	...	...	1	...	...	...	...	...	2	1	1	7	12
" H.G.	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	...	...	...	1	...	...	3	...	...	...	5	...	9
St. Andrew's	...	...	...	...	1	...	2	...	2	...	...	...	5
St. Barnabas'	...	...	1	...	...	...	...	...	...	...	...	17	18
St. Bartholomew's	...	...	1	...	1	...	...	1	...	...	...	4	7
St. Gabriel's	...	...	...	...	...	...	...	...	...	...	3	...	3
St. James C.E.	...	...	...	...	1	...	...	1	12	...	...	...	14
" Black-a-Moor	...	...	...	...	...	...	...	...	1	...	...	3	4
" Guide	...	...	...	...	...	...	...	...	4	13	3	...	20
St. John's	...	...	...	...	1	4	15	1	3	...	...	...	24
St. Joseph's	...	...	...	...	1	...	...	...	...	...	...	3	4
St. Luke's	...	...	...	...	...	...	...	...	1	...	...	4	5
St. Mary's R.C.	...	...	...	...	...	...	...	1	1	...	...	3	5
St. Matthew's	...	...	...	...	1	1	1	...	3	2	...	...	8
St. Michael's	...	...	...	2	...	...	...	...	...	...	...	1	3
St. Paul's	...	...	1	...	6	...	...	...	1	2	...	...	10
St. Peter's N.	...	...	...	...	...	...	...	...	2	1	...	...	3
" R.C.	...	...	...	...	...	...	...	...	3	...	3	...	6
St. Silas'	...	...	...	...	...	...	1	...	1	...	2	...	4
St. Stephen's	...	...	...	1	...	4	...	...	...	...	...	...	5
St. Thomas'	...	...	2	5	3	10	2	...	...	1	...	...	23
Wensley Fold	...	...	...	3	...	1	1	...	1	...	...	...	6
Bangor Street	...	...	...	...	...	...	...	4	5	...	...	1	10
Witton Infants	...	...	...	...	...	...	...	...	...	...	...	...	...
Regent Street	...	1	...	...	...	...	1	...	...	...	...	...	2
TOTALS	...	3	7	13	26	26	36	8	71	28	56	49	323

CHICKENPOX.

431 cases of this disease were reported from the Schools during 1912, as compared with 183 cases during 1911.

412 cases were visited by the Lady Health Visitors.

Of the 412 cases investigated, 221 were males and 191 were females. In 112 cases, or 27.1 per cent., a medical man was in attendance; but in the remaining 300, or 72.8 per cent., no medical man had been called in.

In 42 cases isolation was carried out at home.

The following Table indicates the number of reported cases of Chickenpox occurring in each School, monthly, during 1912.

TABLE VIII.—Chickenpox in Schools during 1912.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total.
Acerington Road	...	1	1	..	..	..	..	..	..	..	5	..	7
Audley Range	..	..	..	..	1	..	..	..	..	..	..	2	3
All Saints'	..	..	..	..	1	4	..	..	3	7	4	..	19
Bank Top	2	..	..	..	..	..	..	..	3	..	1	..	6
Cedar Street	..	..	..	1	1	..	..	..	..	..	1	..	3
Christ Church	5	..	..	..	1	20	20	1	1	9	4	..	61
Emmanuel	2	1	3	..	8	1	1	..	..	..	..	..	16
Furthergate	..	..	..	..	..	1	2	..	..	..	..	..	3
Four Lanes End	..	..	..	2	..	..	1	..	..	..	..	..	3
Griffin	..	..	..	..	..	..	..	..	..	..	..	..	..
Holy Trinity	..	..	..	1	7	..	..	..	2	..	..	..	10
Lower Darwen C.	..	..	..	..	..	..	..	..	..	..	..	..	..
Maudsley Street	..	4	3	..	..	1	..	..	..	..	..	..	8
Moss Street	..	..	..	2	1	3	..	1	..	..	..	1	8
Mill Hill C.	1	1	..	..	2	1	..	..	..	..	..	..	5
Norfolk Street	3	2	..	..	..	1	3	..	..	..	..	..	9
Parish Higher Grade ..	..	..	..	..	..	..	10	..	..	..	1	..	11
Blakey Moor C.	..	..	..	..	..	..	1	..	..	..	..	..	1
Higher Elementary ...	..	..	..	..	..	..	..	..	..	..	..	..	..
Park Road	..	..	..	1	2	..	1	1	..	..	1	5	11
Sacred Heart	..	8	6	..	..	..	1	..	..	..	..	..	15
St. Alban's	..	..	3	1	..	..	4	..	6	4	3	..	21
„ H.G.	..	..	1	..	..	..	..	..	..	..	..	..	1
St. Anne's	1	..	..	2	..	..	..	..	1	..	1	2	7
St. Andrew's	..	..	..	..	7	5	..	..	..	..	..	..	12
St. Barnabas'	..	..	..	5	5	..	2	..	..	..	..	..	12
St. Bartholomew's	1	2	..	..	1	..	..	..	..	..	..	..	4
St. Gabriel's	..	..	..	1	..	..	..	..	..	..	..	..	1
St. James C.E.	..	..	..	..	..	..	1	1	..	..	..	1	3
„ Black-a-Moor	..	..	..	..	..	..	..	..	..	..	..	..	..
„ Guide	..	..	..	..	..	..	..	..	..	..	..	..	..
St. John's	1	3	..	..	2	..	1	..	1	..	4	2	14
St. Joseph's	1	..	..	1	1	3	..	..	..	..	..	..	6
St. Luke's	..	2	2	1	..	1	1	..	..	..	..	..	7
St. Mary's R.C.	..	..	..	..	..	2	..	..	3	1	6	4	16
St. Matthew's	..	1	..	2	5	1	2	..	..	..	..	..	11
St. Michael's	..	3	2	1	..	..	..	..	..	..	..	1	7
St. Paul's	..	..	..	..	1	1	..	..	..	2	2	4	10
St. Peter's N.	..	1	..	..	..	..	..	..	2	..	..	..	3
„ R.C.	..	..	..	..	..	..	4	..	..	..	..	..	4
St. Silas'	..	..	..	2	..	2	11	3	6	..	..	..	24
St. Stephen's	..	..	..	..	..	4	2	2	..	..	..	..	8
St. Thomas'	..	4	1	..	5	5	..	..	..	..	2	..	17
Wensley Fold	..	..	..	..	..	..	1	..	..	..	..	..	1
Bangor Street	..	..	..	..	1	3	4	4	1	..	1	4	18
Witton Infants	..	..	..	..	..	..	21	..	..	..	..	..	21
Cherry Tree N.	..	..	1	..	3	..	..	..	..	..	..	..	4
TOTALS	17	33	23	23	55	59	94	13	29	23	36	26	431

MUMPS.

63 cases of Mumps were reported from the Schools during 1912, compared with 234 cases during 1911.

All these cases were visited by the Lady Health Visitors.

Of the 63 cases investigated, 27 were males and 36 were females. In 11 cases, or 17.4 per cent., a medical man was in attendance; but in the remaining 52 cases, or 82.5 per cent., no medical man had been called in.

In 4 cases only was home isolation carried out.

The following Table indicates the number of reported cases of Mumps occurring in each School, monthly, during 1912.

TABLE IX.—Mumps in Schools during 1912.

SCHOOL.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road	...	...	...	...	...	...	4	...	1	...	...	...	5
Audley Range	...	...	...	...	...	...	...	...	...	...	...	...	...
All Saints'	...	...	...	...	...	...	...	...	...	...	...	...	...
Bank Top	...	...	1	...	...	...	1	...	1	...	2	1	6
Cedar Street	...	...	...	...	...	...	...	...	...	...	2	...	2
Christ Church	...	...	...	...	...	...	1	...	...	...	...	...	1
Emmanuel	...	...	...	...	...	...	...	...	...	...	...	...	...
Furthergate	...	...	...	...	...	...	...	...	...	...	...	...	...
Four Lanes End	...	...	...	...	...	...	...	...	...	...	...	...	...
Griffin	...	...	...	...	...	...	...	...	...	...	...	...	...
Holy Trinity	...	...	...	...	...	...	...	...	...	...	...	...	...
Lower Darwen C.	...	...	...	...	...	...	...	...	...	...	...	...	...
Maudsley Street	...	1	...	...	...	...	...	...	...	...	2	...	3
Moss Street	...	1	...	...	...	...	...	...	...	...	...	...	1
Mill Hill C.	...	...	...	...	...	...	...	...	...	...	...	...	...
Norfolk Street	...	...	...	...	...	...	...	...	...	...	...	...	...
Parish Higher Grade ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Blakey Moor C.	...	...	...	...	...	...	...	...	...	...	...	...	...
Higher Elementary ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Park Road	...	...	...	...	...	...	1	...	...	...	...	...	1
Sacred Heart	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Alban's	...	...	...	...	...	...	...	...	...	...	...	...	...
" H.G.	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	1	...	...	1	...	...	...	...	...	1	1	...	4
St. Andrew's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Barnabas'	...	1	2	...	1	...	1	...	...	...	...	...	5
St. Bartholomew's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Gabriel's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. James C.E.	...	...	...	...	...	...	...	...	...	...	...	...	...
" Black-a-Moor	...	...	...	...	...	...	...	...	...	...	...	...	...
" Guide	...	...	...	...	...	...	...	...	...	...	...	...	...
St. John's	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Joseph's	...	...	1	...	...	...	...	...	...	...	...	...	1
St. Luke's	1	...	1	...	...	...	2	...	1	...	...	...	5
St. Mary's R.C.	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Matthew's	2	...	...	...	...	...	...	...	1	1	3	...	7
St. Michael's	...	...	...	1	...	...	...	3	...	...	2	...	6
St. Paul's	...	...	...	...	...	2	1	...	...	...	...	...	3
St. Peter's N.	...	...	...	...	...	...	1	...	1	...	...	1	3
" R.C.	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Silas'	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Stephen's	...	2	...	...	...	...	2	...	...	...	...	...	4
St. Thomas'	...	...	...	...	...	...	...	...	...	1	4	...	5
Wensley Fold	...	...	...	...	...	1	...	...	...	...	...	...	1
Bangor Street	...	...	...	...	...	...	...	...	...	...	...	...	...
Witton Infants	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	4	5	5	2	1	3	14	3	5	3	16	2	63

TABLE X.

**Cases of Scarlet Fever, Diphtheria, and Enteric Fever
amongst School Children removed to Hospital.**

	Scarlet Fever.	Diphth- eria.	Enteric Fever.
Number of notified cases occurring amongst Children attending School	67	23	3
Number of cases removed to Hospital amongst Children attending School	48	16	3
Percentage of cases removed to Hospital amongst Children attend- ing School	71·6	69·5	100·0
Total number of cases notified in the Borough	116	55	26
Total number of cases removed to Hospital	78	31	20
Percentage of cases removed to Hospital from the whole Borough...	67·2	56·3	76·9

SECTION IV.

Medical Inspection of School Children in
Blackburn during 1912.

IV.—MEDICAL INSPECTION OF SCHOOL CHILDREN IN BLACKBURN DURING 1912.

The method of Medical Inspection of School Children which has been described in previous Reports has been continued during the year under review.

It is again gratifying to record that the work has been carried out without any friction whatever.

I am indebted to Dr. Linton for the assistance which he gave me in this work during the year.

I wish to acknowledge my indebtedness to the school teachers for their willing and valuable co-operation.

The continued co-ordination which is now established firmly between the Public Health work and the School Medical work in Blackburn has been of special advantage in dealing with various Infectious Diseases, and has facilitated the administration of these two important branches of preventive medicine throughout.

The total number of medical examinations of school children made during the year 1912 was 8,058.

These 8,058 children were composed of the following groups:—

A. Entrants	3072
B. Children examined for the second time	2361
C. Leavers (including half-timers)	1733
D. Higher Grade School Children—	
Entrants	167
Second Examinations	142
E. Children referred by the School Attendance Officers	547
F. Bursary and Scholarship Holders ...	36

It will be noticed that only small numbers of children have been examined in certain age-periods at some of the Schools. Caution should therefore be exercised in comparing the different Schools in this respect.

The above-named six groups of children will now be referred to *seriatim*.

A. ENTRANTS OR NEWLY ADMITTED CHILDREN.

The majority of these 3,072 children were below the age of seven years. They consisted of 1,533 boys, and 1,539 girls.

Table XI. shows these children arranged according to age, sex, and the numbers examined at the various Schools.

Tables XII. and XIII. contain particulars for males and females respectively.

The average heights have been recorded in inches and centimetres, and the average weights in pounds and kilogrammes.

The defects found amongst these 3,072 entrants appear in Tables XIV. and XV.

Tables XVI. and XVII. show a comparison between the heights and weights of the Blackburn male and female entrants, and the standard of the Anthropometric Committee of the British Association for the Advancement of Science. This standard will be referred to as "The Standard" for purposes of abbreviation.

The males at the age periods 3 to 8 years were above the standard in height, and at the age-periods 9 to 11 years were below the standard in height. They were below the standard in weight at all the age-periods from 3 to 11 years.

The females were above the standard in height in all the age-periods, and above the standard in weight at 3 to 4 years, and below the standard in all cases beyond this age-period.

From the varying numbers of children examined in different age-periods at different Schools, it is rather too soon to draw any conclusion as to what particular Schools show the worst class of children with regard to heights and weights.

I have, however, given the average heights and weights of the children examined each year since 1908, as follows:—

Males Heights.

	1908	1909	1910	1911	1912
3- 4	36·3	36·6	36·7	36·8	36·4
4- 5	38·6	38·3	38·8	38·7	38·6
5- 6	40·6	40·5	40·5	40·5	40·7
6- 7	42·2	42·0	42·8	42·3	42·9
7- 8	44·3	44·0	42·8	45·1	45·1
8- 9	44·8	45·1	46·5	47·0	47·2
9-10	47·9	50·0	48·2	49·1	48·0
10-11	50·6	51·4	50·6	50·5	50·4
11-12	51·9	51·7	51·9	52·1	52·1

Males Weights.

	1903	1909	1910	1911	1912
3- 4	33·1	33·4	33·9	33·6	33·2
4- 5	36·5	35·6	36·7	36·4	36·4
5- 6	39·2	39·0	38·7	38·7	38·8
6- 7	42·3	41·0	43·2	41·8	43·3
7- 8	46·9	45·4	46·2	47·5	47·1
8- 9	48·9	47·6	50·2	52·0	51·2
9-10	54·9	54·7	54·8	56·9	54·5
10-11	59·8	60·9	61·6	60·1	60·5
11-12	65·2	64·6	66·1	64·7	66·1

Females Heights.

	1903	1909	1910	1911	1912
3- 4	35·9	35·9	35·7	36·4	36·2
4- 5	38·2	38·1	38·1	38·3	38·4
5- 6	40·1	40·0	40·4	40·1	40·3
6- 7	42·0	41·8	42·8	42·0	42·4
7- 8	44·1	43·5	44·9	44·8	44·4
8- 9	46·9	46·5	46·1	46·9	46·8
9-10	48·9	46·4	48·1	48·6	48·0
10-11	49·5	48·7	50·3	50·1	50·7
11-12	51·6	53·3	51·9	51·7	52·3

Females Weights.

	1908	1909	1910	1911	1912
3- 4	31·7	32·0	31·4	33·0	32·7
4- 5	35·0	34·7	34·9	35·4	35·1
5- 6	37·8	37·0	37·8	37·1	37·9
6- 7	40·6	40·4	41·7	40·4	41·7
7- 8	44·5	42·8	45·9	45·7	45·2
8- 9	50·0	49·5	48·0	49·0	50·7
9-10	56·5	51·4	53·2	53·9	54·3
10-11	58·9	56·1	58·0	58·4	59·4
11-12	65·9	72·0	65·5	62·8	64·8

From the foregoing table it will be seen that there has been very little difference in the heights and weights of the Blackburn School Children during the 5 years recorded.

At a future date it may be possible to give details respecting individual schools when there will be a greater number of examinations from which more definite conclusions can be drawn.

TABLE XI.—Continued.

Numbers and age periods of newly admitted children examined.

SCHOOL.	3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		Total		Total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
St. Bartholomew's	2	3	8	5	9	9	1	5	2	1	1	...	...	1	1	1	1	...	24	26	50
St. Gabriel's	...	...	2	2	6	5	1	1	1	2	...	...	...	3	...	...	...	1	13	14	27
St. James', Shear Brow	2	...	2	3	10	7	1	1	1	...	...	...	...	...	...	2	...	1	16	15	31
St. James', Black-a-Moor	...	...	2	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	5	3	8
St. James', Guide	...	1	3	1	2	4	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...
St. John's	...	...	14	13	30	19	6	3	2	...	...	...	...	...	...	...	...	...	...	...	...
St. Joseph's	1	3	7	5	32	29	3	...	...	...	...	...	...	...	...	...	...	...	72	51	123
St. Luke's	...	...	10	12	14	12	6	2	...	...	...	...	...	...	...	...	...	...	49	50	99
St. Mary's	14	17	14	18	11	15	...	1	...	...	...	...	...	...	...	...	...	...	39	41	80
St. Matthew's	7	6	11	16	14	17	4	4	2	5	2	1	2	...	4	3	1	2	45	56	105
St. Michael's	5	5	8	9	5	8	2	...	...	...	...	...	...	...	2	1	...	...	64	64	109
St. Paul's	4	3	27	11	18	17	10	4	5	2	4	...	...	...	1	1	...	...	22	29	51
St. Peter's C.E.	4	2	2	7	5	8	3	3	1	1	3	...	...	...	1	1	...	...	67	47	114
St. Peter's, R.C.	6	4	23	13	8	11	...	4	4	...	...	...	...	...	...	...	...	...	15	22	37
St. Silas's	3	2	6	5	21	13	6	5	4	5	5	1	...	...	2	1	...	...	46	44	90
St. Stephen's	3	2	6	5	21	13	6	5	4	5	5	2	1	4	3	5	2	1	51	42	93
St. Thomas'	2	1	9	12	8	12	6	5	1	2	1	1	2	3	2	1	1	2	32	39	71
Wensley Fold	2	9	17	17	19	18	6	3	...	3	1	1	2	1	1	...	...	5	47	58	105
Wotton Infants	7	7	16	10	5	8	1	4	1	...	...	...	...	...	...	...	...	...	37	38	75
Wotton Infants	7	9	7	6	4	3	...	...	...	...	...	...	...	...	...	...	...	...	21	18	39
Totals	238	229	439	400	475	464	103	105	64	79	55	72	55	64	62	65	42	61	1533	1539	3072

TABLE XII.
MALES—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.				4 TO 5 YEARS.				5 TO 6 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
Accrington Road	37.2	94.5	34.5	15.6	38.1	96.7	34.0	15.4	40.8	103.6	40.1	18.2
Audley Range	...	..	...	...	38.4	97.5	37.1	16.8	41.6	105.6	39.8	18.0
All Saints'	35.5	90.2	32.3	14.6	37.7	95.7	35.6	16.1	39.8	101.1	38.7	17.5
Bangor Street	36.5	92.7	33.5	15.2	37.7	95.7	34.1	15.5	40.7	103.3	38.9	17.6
Bank Top	36.5	92.7	34.1	15.5	39.3	99.8	37.7	17.1	40.3	102.4	38.8	17.6
Blakey Moor C.	...	...	...	...	...	...	...	...	...	...	...	...
Cedar Street	37.0	94.0	34.5	15.6	39.0	99.0	36.6	16.6	41.4	105.1	39.4	17.8
Christ Church	36.8	93.4	34.1	15.5	38.2	97.0	34.2	15.5	40.1	101.8	37.0	16.8
Emmanuel	37.7	95.7	34.4	15.6	38.3	97.3	35.0	15.8	41.5	105.4	39.2	17.8
Furthergate	35.5	90.2	32.9	14.9	38.6	98.0	37.2	16.8	38.7	98.3	37.8	17.1
Four Lanes End	...	...	...	...	39.5	100.3	34.0	15.4	42.4	107.7	41.8	18.9
Griffin	37.7	95.7	34.0	15.4	38.3	97.3	35.2	16.0	40.0	101.6	35.5	16.1
Holy Trinity	36.0	91.4	33.5	15.2	37.9	96.2	35.4	16.0	39.3	99.8	36.2	16.4
Lower Darwin C.	37.3	94.7	33.6	15.2	38.7	98.3	36.9	16.7	40.8	103.6	38.8	17.6
Maudsley Street	36.3	92.2	32.7	14.8	38.9	98.8	35.8	16.2	40.5	102.8	38.3	17.3
Moss Street	35.8	90.9	33.0	15.0	37.9	96.2	36.4	16.5	39.5	100.3	38.3	17.3
Mill Hill C.	36.8	93.4	34.0	15.4	37.9	96.2	35.9	16.3	41.2	104.6	40.4	18.3
Norfolk Street	36.9	93.7	33.3	15.1	38.9	98.8	36.4	16.5	39.5	100.3	35.6	16.1
Park Road	36.3	92.2	34.2	15.5	38.7	98.3	37.3	16.9	39.3	99.8	38.5	17.4
Sacred Heart	...	...	...	...	...	...	...	...	42.8	108.7	41.2	18.7
St. Alban's	35.4	89.9	33.3	15.1	37.2	94.5	35.2	16.0	39.6	100.6	38.6	17.3
St. Anne's	35.4	89.9	32.2	14.6	37.4	95.0	34.9	15.8	39.7	100.8	38.2	17.3
St. Andrew's	36.0	91.4	34.0	15.4	41.0	104.1	39.7	18.0	40.9	103.9	39.9	18.1

TABLE XII.—Continued.
MALES—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.				4 TO 5 YEARS.				5 TO 6 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
St. Barnabas'	36.2	92.0	32.4	14.7	38.8	98.5	37.1	16.8	40.8	103.6	40.6	18.4
St. Bartholomew's ..	37.7	95.7	34.1	15.5	39.7	100.8	37.6	17.0	40.0	101.6	36.3	16.4
St. Gabriel's	...	...	...	...	40.0	101.6	37.8	17.1	42.3	107.4	40.3	18.3
St. James', Shear Br'w	34.6	87.9	29.2	13.2	38.0	96.5	37.4	16.9	41.9	106.4	41.0	18.6
Black-a-M'r	...	...	...	...	41.3	104.9	44.0	19.9	45.0	114.3	45.0	20.4
" Guide	...	...	...	...	37.8	96.0	35.7	16.2	39.9	101.3	35.5	16.1
St. John's	32.7	83.0	26.7	12.1	39.7	100.8	37.3	16.9	41.2	104.6	39.6	17.9
St. Joseph's	...	...	...	...	38.9	98.8	36.4	16.5	40.3	102.4	38.5	17.4
St. Luke's	36.5	92.7	33.1	15.0	38.7	98.3	35.6	16.1	39.9	101.3	37.5	17.0
St. Mary's	35.4	92.4	32.6	14.8	38.9	98.8	37.5	17.0	40.6	103.1	38.6	17.5
St. Matthew's	36.5	9.7	33.1	15.0	38.6	98.0	36.4	16.5	41.8	106.2	39.9	18.1
St. Michael's	35.6	90.4	34.1	15.5	37.0	94.0	35.9	16.3	38.9	98.8	36.6	16.6
St. Paul's	36.7	93.2	31.7	14.4	35.2	89.4	35.2	16.0	40.6	103.1	38.3	17.3
St. Peter's C.E.	35.7	90.7	35.1	15.9	40.1	101.8	36.8	16.7	41.2	104.6	42.4	19.2
" R.C.	36.1	91.7	32.6	14.3	37.6	95.5	35.0	15.8	40.6	103.1	40.7	18.4
St. Silas'	34.6	87.9	28.4	12.8	40.0	101.6	37.6	17.0	41.5	105.4	38.4	17.4
St. Stephen's	40.5	102.8	38.1	17.3	39.7	100.8	37.4	16.9	41.4	105.1	40.0	18.1
St. Thomas'	36.3	92.2	31.3	14.4	38.7	98.3	37.1	16.8	39.7	100.8	39.4	17.8
Wensley Fold	37.0	94.0	35.0	15.8	39.1	99.3	36.4	16.5	39.9	101.3	37.8	17.1
Witton Infants	37.5	95.2	34.9	15.8	38.0	96.5	33.5	15.2	40.9	103.9	36.6	16.6
Averages	36.4	92.4	33.2	15.0	38.6	98.0	36.4	16.5	40.7	103.3	38.8	17.6

TABLE XII.—Continued.
MALES.—Average Heights and Weights.

SCHOOL.	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilograms
St. Barnabas'	43.5	110.5	45.8	20.8	44.1	112.0	46.3	21.0	45.7	116.0	45.2	20.5
St. Bartholomew's ..	43.5	110.5	42.0	19.0	47.0	119.4	51.7	23.4	...	...	...	...
St. Gabriel's	42.0	106.6	39.0	17.7	45.8	116.3	49.3	22.3	...	...	...	...
St. James' Shear Br'w	...	...	...	...	47.5	120.6	46.2	20.9	47.9	121.7	55.5	25.2
" Black-a-M'r	42.2	107.2	43.5	19.7	...	...	...	...	...	...	...	...
" Guide	43.8	111.2	44.0	19.9	45.1	114.5	47.9	21.7	47.2	119.9	52.9	24.0
St. John's	39.0	99.0	37.5	17.0	46.0	116.8	50.5	22.9	44.7	113.5	47.0	21.3
St. Joseph's	43.1	109.4	44.0	19.9	...	...	...	...	...	...	...	...
St. Luke's	...	...	...	...	45.3	115.0	45.0	20.4	46.8	118.9	54.0	24.5
St. Mary's	41.9	106.4	41.0	18.6	...	...	...	...	45.3	115.0	45.8	20.7
St. Matthew's	45.0	114.3	52.6	23.8	43.8	111.2	47.5	21.5	44.0	111.7	44.5	20.2
St. Michael's	41.5	105.4	41.0	18.6	43.5	110.5	45.0	20.4	...	...	...	...
St. Paul's	42.6	108.2	44.9	20.3	43.8	111.2	44.3	20.1	48.2	122.4	60.0	27.2
St. Peter's C.E.	...	...	...	...	46.8	118.9	49.9	22.6	46.6	118.4	48.9	22.2
" R.C.	44.8	113.8	44.5	20.2	47.0	119.4	49.2	22.3	47.2	119.9	50.2	22.7
St. Silas'	44.7	113.5	44.9	20.3	...	...	...	...	48.5	123.5	56.5	25.6
St. Stephen's	42.5	107.9	42.5	19.3	48.2	122.4	57.0	25.8	46.7	118.6	44.7	20.2
St. Thomas'	44.0	111.7	40.0	18.1	...	...	...	...	...	...	...	...
Wensley Fold	43.7	111.0	45.0	20.4	45.1	114.5	47.1	21.3	47.2	119.9	51.2	23.2
Witton Infants	...	...	...	...	...	...	...	...	...	...	...	...
Averages	42.9	109.0	43.3	19.6	45.1	114.5	47.1	21.3	47.2	119.9	51.2	23.2

TABLE XII.—Continued.
MALES.—Average Heights and Weights.

SCHOOL.	9 TO 10 YEARS.				10 TO 11 YEARS.				11 TO 12 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
Accrington Road	50.5	128.2	57.7	26.1	52.7	133.8	64.4	29.2	53.2	135.2	66.5	30.2
Audley Range	44.2	112.2	51.0	23.1	...	...	...	...	51.0	129.5	62.2	28.2
All Saints'	...	...	...	...	50.0	127.0	59.0	26.7	...	...	...	...
Bangor Street	47.4	120.4	52.8	23.9	49.6	126.0	58.1	26.3	...	...	...	...
Bank Top	50.1	127.2	62.3	28.2	50.5	128.2	58.5	26.5	55.0	139.7	70.0	31.7
Blakey Moor C.	48.6	123.4	53.4	24.2	51.4	130.5	65.8	29.8	52.1	132.3	63.9	29.0
Cedar Street	...	...	...	...	...	...	...	...	52.8	134.1	66.8	30.3
Christ Church	...	...	...	...	...	...	...	...	53.2	135.2	68.5	31.1
Emmanuel	...	...	...	...	49.0	124.4	54.3	24.6	51.0	129.5	64.5	29.2
Furthergate	...	...	...	...	51.0	129.5	54.7	24.8	51.1	129.8	65.2	29.6
Four Lanes End	52.2	132.5	62.5	28.3	...	...	...	...	52.5	133.3	76.7	34.8
Griffin	47.0	119.4	51.2	23.2	...	...	...	...	51.5	130.8	69.0	31.3
Holy Trinity	48.2	122.4	56.6	25.6	...	...	...	...	51.0	129.5	60.7	27.5
Lower Darwen C.	...	...	...	...	...	...	...	...	...	...	...	...
Maudsley Street	48.8	123.9	57.6	26.1	...	...	...	...	53.7	136.4	67.5	30.6
Moss Street	46.1	117.1	48.0	21.8	48.6	123.4	52.1	23.6	...	...	...	...
Mill Hill C.	51.0	129.5	59.5	27.0	48.8	123.9	55.2	25.0	...	...	...	...
Norfolk Street	...	...	...	...	...	...	...	...	...	...	...	...
Park Road	47.8	121.4	51.7	23.4	48.4	123.0	52.7	23.9	...	...	...	...
Sacred Heart	...	...	...	...	...	...	...	...	51.7	131.3	58.5	26.5
St. Alban's	43.0	109.2	41.6	18.8	47.2	119.9	54.7	24.8	49.8	126.5	61.1	27.7
St. Anne's	46.0	116.8	47.5	21.5	54.2	137.7	62.7	28.4	50.6	128.5	62.4	28.3
St. Andrew's	...	...	...	...	52.0	132.0	62.5	28.3	...	...	...	...

TABLE XII.—Continued.
MALES—Average Heights and Weights.

SCHOOL.	9 TO 10 YEARS.				10 TO 11 YEARS.				11 TO 12 YEARS.			
	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Barnabas'	47·6	120·9	51·8	23·5	55·0	139·7	70·0	31·7	48·2	122·4	56·0	25·4
St. Bartholomew's ..	51·1	129·8	56·6	25·6	50·7	128·7	63·5	28·8	...	...	...	...
St. Gabriel's	49·7	126·2	62·0	28·1	...	...	...	...	...	...	...	...
St. James', Shear Br'w	...	...	...	...	...	...	...	...	...	...	...	...
" Black-a-M'r	44·5	113·0	45·0	20·4	...	...	...	...	...	...	...	...
" Guide	48·3	122·7	58·7	26·6	50·5	128·2	61·2	27·7	53·5	135·9	63·7	28·9
St. John's	50·8	129·0	62·0	28·1	48·0	121·9	58·9	26·7	55·2	140·2	69·7	31·6
St. Joseph's	50·0	127·0	62·5	28·3	...	...	60·2	27·3	49·2	125·0	57·0	25·8
St. Luke's	48·0	121·9	56·8	25·7	48·8	123·9	58·5	26·5	49·9	126·7	59·8	27·1
St. Mary's	45·5	115·6	48·2	21·8	48·8	123·9	58·5	26·5	51·5	130·8	68·5	31·1
St. Matthew's	...	...	...	...	51·3	130·3	65·7	29·8	...	...	...	...
St. Michael's	...	...	...	...	49·0	124·4	58·5	26·5	55·2	140·2	86·5	39·2
St. Paul's	42·0	106·6	42·5	19·3	52·5	133·3	65·9	29·9	50·0	127·0	63·0	28·6
St. Peter's C.E.	49·0	124·4	56·0	25·4	51·7	131·3	62·7	28·4	55·2	140·2	68·0	30·8
" R.C.	47·8	121·4	51·8	23·5	52·2	132·5	67·6	30·6	54·0	137·1	75·0	34·0
St. Stephen's	48·5	123·2	55·5	25·2	49·7	126·2	61·5	27·9	...	...	...	...
St. Thomas'	51·9	131·8	64·1	29·0	49·9	126·7	63·3	28·7	53·2	135·2	67·2	30·5
Wensley Fold	...	...	...	...	...	...	...	...	...	...	...	...
Witton Infants	...	...	...	...	...	...	...	...	...	...	...	...
Averages	48·0	121·9	54·5	24·7	50·4	128·0	60·5	27·4	52·1	132·3	66·1	30·0

TABLE XIII.
FEMALES.—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.			4 TO 5 YEARS.			5 TO 6 YEARS.		
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	
Accrington Road	36.8	93.4	35.1	15.9	38.1	96.7	34.6	15.7	
Audley Range	37.1	94.2	35.7	16.2	38.9	98.8	37.1	16.8	
All Saints'	35.9	91.2	32.8	14.9	37.9	96.2	34.4	15.6	
Bangor Street	36.2	92.0	35.2	16.0	38.1	96.7	34.9	15.8	
Bank Top	36.0	91.4	35.0	15.8	37.9	96.2	33.7	15.2	
Blakey Moor C.	...	...	...	...	...	...	...	...	
Cedar Street	36.7	93.2	31.3	14.2	39.9	101.3	37.9	17.2	
Christ Church	36.8	93.4	32.3	14.6	38.6	98.0	35.1	15.9	
Emmanuel	37.9	96.2	33.4	15.1	38.7	98.3	35.9	16.3	
Furthergate	34.6	87.9	30.9	14.0	37.4	95.0	34.0	15.4	
Four Lanes End	36.0	91.4	33.0	15.0	38.7	98.3	36.3	16.4	
Griffin	37.1	94.2	32.7	14.8	38.4	97.5	34.3	15.5	
Holy Trinity	36.4	92.4	32.5	14.7	37.6	95.5	34.1	15.5	
Lower Darwen C.	36.0	91.4	28.2	12.8	37.5	95.2	33.5	15.2	
Maudsley Street	35.5	90.2	30.5	13.8	38.0	96.5	34.3	15.5	
Moss Street	35.3	89.6	30.8	13.9	39.2	99.6	35.5	16.1	
Mill Hill C.	34.8	88.5	29.4	13.3	36.3	92.2	31.2	14.1	
Norfolk Street	35.2	89.4	33.0	15.0	37.1	94.2	33.5	15.2	
Park Road	34.0	86.4	29.5	13.3	38.0	96.5	34.9	15.8	
Sacred Heart	...	...	...	...	...	...	...	...	
St. Alban's	35.0	88.9	32.2	14.6	38.0	96.5	35.6	16.1	
St. Anne's	36.4	92.4	33.4	15.1	36.3	92.2	32.9	14.9	
St. Andrew's	37.4	95.0	34.0	15.4	38.2	97.0	35.2	16.0	

TABLE XIII.—Continued.

FEMALES.—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.			4 TO 5 YEARS.			5 TO 6 YEARS.					
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms				
St. Barnabas'	34.4	87.3	30.7	13.9	37.7	95.7	34.7	15.7	40.4	102.6	38.7	17.5
St. Bartholomew's	35.9	91.2	31.7	14.4	39.1	99.3	36.0	16.3	40.7	103.3	36.7	16.6
St. Gabriel's	...	...	...	...	40.8	103.6	39.1	17.7	41.2	104.6	40.3	18.3
St. James' Shear Br'w	...	...	...	...	39.7	100.8	34.6	15.7	41.7	105.9	39.4	17.8
" Black-a-M'r	...	...	...	...	...	...	...	...	39.1	99.3	35.1	15.9
St. John's	36.7	93.2	32.0	14.5	39.0	99.0	36.0	16.3	39.7	100.8	36.9	16.7
" Guide	36.5	92.7	32.9	14.9	38.9	98.8	36.0	16.3	40.9	103.9	37.9	17.2
St. Joseph's	...	...	...	...	39.1	99.3	35.6	16.1	39.9	101.3	37.5	17.0
St. Luke's	37.1	94.2	33.7	15.2	38.5	97.8	35.1	15.9	40.2	102.1	37.6	17.0
St. Mary's	36.0	91.4	32.5	14.7	38.4	97.5	35.6	16.1	40.0	101.6	38.5	17.4
St. Matthew's	38.4	97.5	32.2	14.6	39.0	99.0	35.6	16.1	39.7	100.8	37.6	17.0
St. Michael's	35.6	90.4	33.7	15.2	37.6	95.5	36.2	16.4	39.5	100.3	37.4	16.9
St. Paul's	35.2	89.4	29.5	13.3	38.7	98.3	35.2	16.0	40.2	102.1	37.0	16.8
St. Peter's C.E.	36.8	93.4	33.5	15.4	37.7	95.7	33.9	15.4	38.7	98.3	35.8	16.2
" R.C.	37.0	94.0	36.2	16.2	37.7	97.4	33.9	15.4	40.7	103.3	39.4	17.8
St. Silas'	35.6	90.4	30.3	13.7	38.3	97.3	32.7	14.8	42.2	107.2	40.8	18.5
St. Stephen's	38.2	97.0	40.5	18.3	39.3	99.8	34.8	15.7	41.6	105.6	38.3	17.3
St. Thomas'	35.2	89.4	31.6	14.3	38.8	98.5	36.3	16.4	40.5	102.8	38.9	17.6
Wensley Fold	37.7	95.7	33.3	15.1	38.2	97.0	34.5	15.6	38.6	98.0	36.6	16.6
Witton Infants	37.2	94.5	33.5	15.2	39.7	100.8	37.9	17.2	42.5	107.9	39.8	18.0
Averages	36.2	92.0	32.7	14.8	38.4	97.5	35.1	15.9	40.3	102.4	37.9	17.2

TABLE XIII.—Continued.
FEMALES—Average Heights and Weights.

SCHOOL.	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes
St. Barnabas'	41.3	104.9	41.3	18.7	44.5	113.0	43.0	19.5	44.8	113.8	46.7	21.2
St. Bartholomew's ..	41.8	106.2	38.7	17.5	44.2	112.2	49.8	22.6	..	..	..	..
St. Gabriel's	43.0	109.2	43.5	19.7	43.7	111.0	45.0	20.4	48.5	123.2	50.7	23.0
St. James', Shear Br'w	45.0	114.3	46.5	21.1	44.0	111.7	42.7	19.3	..	..	..	..
" Black-a-M'r	..	..	..	..	47.5	120.6	49.0	22.2	..	..	..	..
" Guide	40.7	103.3	36.0	16.3	44.0	111.7	42.6	19.3	49.2	125.0	50.5	22.9
St. John's	43.0	109.2	45.8	20.8	44.0	111.7	44.5	20.2	47.4	120.4	48.7	22.1
St. Joseph's	41.3	104.9	38.0	17.2	44.7	113.5	53.5	24.3	46.2	117.4	48.1	21.8
St. Luke's	..	..	..	..	43.8	111.2	46.2	20.9	48.1	122.2	55.0	24.9
St. Mary's	40.5	102.8	40.0	18.1	44.5	113.0	44.0	19.9	45.7	116.0	45.2	20.5
St. Matthew's	42.9	109.0	43.0	19.5	42.6	108.2	41.4	18.8	45.7	116.0	48.8	22.1
St. Michael's	..	..	..	..	43.5	110.5	39.2	17.8	46.4	117.9	47.4	21.5
St. Paul's	40.8	103.6	39.1	17.7	42.5	107.9	41.2	18.7	46.9	119.1	51.5	23.3
St. Peter's C.E.	41.0	104.1	37.9	17.2	..	..	..	..	47.2	119.9	55.2	25.0
" R.C.	41.3	104.9	40.3	18.3	42.7	108.4	43.2	19.6	45.1	114.5	46.2	20.9
St. Silas'	44.6	113.2	42.0	19.0	44.2	112.2	41.0	18.6	44.4	112.8	46.8	21.2
St. Stephen's	41.5	105.4	39.4	17.8	43.6	110.7	43.1	19.5	50.1	127.2	63.5	28.8
St. Thomas'	44.8	113.8	45.1	20.4	44.9	114.0	45.1	20.4	46.8	118.9	58.4	26.5
Wensley Fold	40.9	103.9	38.1	17.3	43.0	109.2	44.8	20.3	46.7	118.6	49.7	22.5
Witton Infants	..	..	..	..	..	..	..	..	..	..	..	..
Averages	42.4	107.7	41.7	18.9	44.4	112.8	45.2	20.5	46.8	118.9	50.7	23.0

**TABLE XIII.—Continued.
FEMALES—Average Heights and Weights.**

SCHOOL.	9 TO 10 YEARS.				10 TO 11 YEARS.				11 TO 12 YEARS.			
	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilograms
Accerington Road	50.0	127.0	60.2	27.3	49.7	126.2	60.2	27.3	53.5	135.9	76.7	34.8
Audley Range	49.2	125.0	56.3	25.5	52.5	133.3	59.6	27.0	47.5	120.6	53.5	24.3
All Saints'	...	...	...	...	52.8	134.1	62.8	28.5	...	...	...	...
Bangor Street	48.0	121.9	54.4	24.6	50.9	129.3	61.7	28.0	52.2	132.5	64.3	29.1
Bank Top	...	...	...	...	...	...	...	...	...	...	...	...
Blakey Moor C.	49.2	125.0	50.5	22.9	51.0	129.5	59.4	26.9	52.4	133.1	66.9	30.3
Cedar Street	49.5	125.7	52.5	23.8	...	...	...	...	...	...	...	...
Christ Church	51.2	130.0	61.5	27.9	...	...	...	...	...	...	...	...
Emmanuel	48.5	123.2	51.2	23.2	48.0	121.9	47.2	21.4	49.2	125.0	58.5	26.5
Furthergate	46.8	118.9	48.6	22.0	54.2	137.7	56.7	25.7	52.0	132.0	60.5	27.4
Four Lanes End	...	...	...	...	50.9	129.3	55.9	25.3	54.0	137.1	67.0	30.4
Griffin	48.3	122.7	54.4	24.7	49.2	125.0	57.5	26.1	50.0	127.0	62.0	28.1
Holy Trinity	...	...	...	...	...	...	...	...	...	...	...	...
Lower Darwen C.	...	...	...	...	...	...	...	...	...	...	...	...
Maudsley Street	44.5	113.0	45.7	20.7	50.2	127.5	59.2	26.8	49.3	125.2	59.5	27.0
Moss Street	46.5	118.1	51.7	23.4	...	...	...	...	...	...	...	...
Mill Hill C.	49.2	125.0	60.2	27.3	51.7	131.3	62.7	28.4	51.5	130.8	58.0	26.3
Norfolk Street	...	...	...	...	...	...	...	...	...	...	...	...
Park Road	45.6	115.8	49.2	22.3	50.1	127.2	57.5	26.1	51.1	129.8	52.2	23.7
Sacred Heart	47.7	121.1	56.2	25.5	52.0	132.0	63.5	28.8	55.5	141.0	84.7	38.3
St. Alban's	44.9	114.0	46.9	21.3	48.6	123.4	54.2	24.6	52.2	132.5	67.7	30.7
St. Anne's	47.4	120.4	56.5	25.6	49.5	125.7	52.7	23.9	51.8	131.6	64.8	29.4
St. Andrew's	48.0	121.9	50.5	22.9	...	...	...	...	61.0	154.9	102.0	46.2

TABLE XIII.—Continued.
FEMALES.—Average Heights and Weights.

SCHOOL	9 TO 10 YEARS.			10 TO 11 YEARS.			11 TO 12 YEARS.					
	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Barnabas'	48.0	121.9	58.1	26.3	51.0	129.5	57.6	26.1	51.6	131.0	64.5	29.2
St. Bartholomew's ...	47.0	119.4	50.2	22.7	47.5	120.6	52.2	23.7	...	...	...	...
St. Gabriel's	49.4	125.5	63.7	28.9	...	...	...	...	51.5	130.8	51.7	23.4
St. James, Shear Br'w	...	...	...	...	50.3	127.7	57.1	25.9	56.5	143.5	67.7	30.7
" Black-a-M'r	...	...	...	...	...	...	...	...	...	...	...	...
" Guide	...	...	...	...	50.0	127.0	63.5	28.8	53.7	136.4	61.5	27.9
St. John's	...	...	...	...	51.4	130.6	59.4	26.9	55.2	140.2	68.3	31.3
St. Joseph's	46.9	119.1	51.5	23.3	50.8	129.0	61.0	27.7	51.2	130.0	65.6	29.7
St. Luke's	50.7	128.7	67.0	30.4	51.8	131.6	64.1	29.0	53.5	135.9	69.8	31.6
St. Mary's	...	...	...	...	52.2	132.5	65.7	29.8	47.7	121.1	53.0	24.0
St. Matthew's	48.2	122.4	55.2	25.0	49.5	125.7	58.6	26.6	51.3	130.3	61.6	27.9
St. Michael's	...	...	...	...	48.5	123.2	55.7	25.2	...	...	...	...
St. Paul's	48.7	123.7	54.9	24.9	50.5	128.2	60.0	27.2	54.3	137.9	69.1	31.3
St. Peter's C.E.	...	...	...	...	52.2	132.5	64.7	29.3	...	...	...	...
" R.C.	...	...	...	...	52.0	132.0	62.2	28.2	50.1	127.2	55.9	25.3
St. Silas'	49.2	125.0	53.4	24.2	51.1	129.8	60.8	27.6	57.7	146.6	75.5	34.2
St. Stephen's	46.8	118.9	50.7	23.0	52.5	133.3	69.2	31.4	51.8	131.6	56.6	25.6
St. Thomas'	46.5	118.1	56.2	25.5	...	...	...	...	52.7	133.8	69.6	31.5
Wensley Fold	48.7	123.7	52.5	23.8	...	...	...	...	48.5	123.2	53.7	24.3
Witton Infants	...	...	...	...	...	...	...	...	...	...	...	...
Averages	48.0	121.9	54.3	24.6	50.7	128.8	59.4	26.9	52.3	132.8	64.8	29.4

TABLE XIV.

Conditions, Defects, etc., found in the 3072 newly admitted children examined.

SCHOOL.	Nutrition.			Clothing.			Footgear.			Cleanliness.			Teeth.			Nose & Thr't		Ext. Eye Dis.		Ext Ear Dis.	
	Excellent.	Good.	Medium.	Bad	Good.	Medium.	Bad.	Good.	Medium.	Bad.	Good.	Medium.	Good.	Medium.	Bad.	Good.	Defective.	Good.	Defective.	Good.	Defective.
Accrington Road	10	61	7	...	27	49	2	77	1	...	44	25	9	20	39	73	5	76	...	78	...
Audley Range	12	64	6	...	30	51	1	78	8	...	51	27	4	9	24	49	7	79	3	82	...
All Saints'	12	43	4	...	12	39	1	58	1	...	23	24	12	17	16	54	5	57	2	58	...
Bangor Street	15	88	9	...	39	72	1	108	4	...	69	30	13	26	39	103	9	111	1	111	...
Bank Top	5	59	9	1	7	...	7	38	2	...	27	33	14	11	20	43	4	73	1	73	...
Blakey Moor C.	8	24	6	...	33	5	...	...	...	...	37	1	...	1	13	34	4	38	...	38	...
Cedar Street	10	52	6	...	28	38	2	66	1	1	45	20	3	13	18	37	6	68	...	67	...
Christ Church	13	48	2	...	21	37	5	61	2	...	33	22	8	9	17	56	7	61	2	62	...
Emmanuel	12	53	2	...	13	49	5	65	2	...	29	26	12	18	16	33	8	65	2	67	...
Furthegate	9	75	7	...	8	76	7	86	3	2	34	41	16	18	27	46	5	87	4	90	...
Four Lanes End	8	24	2	1	18	17	...	34	1	...	29	5	1	7	7	21	7	35	...	35	...
Griffin	16	63	4	...	28	54	1	81	1	1	59	16	8	15	20	48	8	79	4	83	...
Holy Trinity	12	72	4	...	17	58	13	79	8	1	40	43	5	14	21	53	8	84	4	87	...
Lower Darwen C.	3	14	1	...	12	6	...	17	1	...	15	2	1	3	4	11	1	17	1	18	...
Maudsley Street	6	62	6	1	15	55	5	69	6	...	25	41	9	18	22	35	5	72	3	74	...
Moss Street	1	35	2	...	14	20	4	54	2	2	20	12	6	6	11	21	9	35	3	38	...
Mill Hill C.	11	64	7	...	13	61	8	76	5	1	30	37	15	13	27	42	8	77	5	82	...
Norfolk Street	11	30	3	...	4	35	5	40	3	1	17	22	5	10	14	20	3	44	...	44	...
Park Road	15	71	6	...	20	63	9	86	6	...	35	48	9	20	51	86	6	89	...	91	...
Sacred Heart	4	21	3	...	19	8	1	26	2	...	24	2	2	4	4	25	3	28	3	28	...
St. Alban's	21	122	14	1	14	117	27	142	15	1	44	84	30	33	37	88	14	156	2	155	...
St. Anne's	26	82	14	1	11	99	23	108	12	3	32	66	25	23	45	55	8	116	7	121	...
St. Andrew's	10	42	2	...	18	35	1	52	1	1	37	9	8	9	15	44	10	54	...	53	...

TABLE XIV.—Continued.

Conditions, Defects, etc., found in the 3072 newly admitted children examined.

SCHOOL.	Nutrition.			Clothing.			Footgear.			Cleanliness.			Teeth.			Nose & Thr't.		Ext. Eye Dis.		Ext. Ear Dis.	
	Excellent.	Good.	Medium.	Bad.	Good.	Medium.	Bad.	Good.	Medium.	Bad.	Good.	Medium.	Bad.	Good.	Medium.	Bad.	Good.	Defective.	Good.	Defective.	Good.
St. Barnabas'	16	69	10	...	24	65	6	86	5	4	48	38	9	21	24	50	88	7	92	95	...
St. Bartholomew's ..	5	41	4	...	22	24	4	45	2	3	35	10	5	13	11	26	43	7	47	50	...
St. Gabriel's	2	21	4	...	19	8	...	26	1	...	19	4	4	3	6	18	22	5	27	27	...
St. James', Shear Br'w	4	24	3	...	14	17	...	29	2	...	17	11	3	7	9	15	29	2	31	31	...
" Black-a-M'r	3	5	...	...	4	4	...	8	...	...	7	1	...	3	...	5	8	...	8	8	...
" Guide	3	15	2	...	4	15	1	19	...	...	9	8	...	3	...	15	19	...	20	20	...
St. John's ..	17	100	6	...	29	88	6	110	10	3	68	43	12	2	27	78	116	1	20	121	...
St. Joseph's ..	13	83	3	...	22	71	6	96	2	1	46	42	11	18	27	45	93	6	122	98	...
St. Luke's ..	11	66	3	...	24	52	4	78	2	...	34	36	10	11	26	43	71	9	77	80	...
St. Mary's ..	21	79	5	...	18	82	5	104	1	...	45	44	16	22	34	49	98	7	103	102	...
St. Matthew's	16	84	9	...	24	77	8	103	6	...	50	45	14	14	31	64	100	9	109	109	...
St. Michael's	7	40	4	...	6	39	6	48	3	...	13	25	13	14	13	24	47	4	50	50	...
St. Paul's ..	4	106	4	...	14	93	7	103	10	2	48	54	12	22	39	53	102	12	111	111	...
St. Peter's C.E.	11	24	2	...	5	29	3	28	7	1	13	21	3	11	11	15	36	1	36	36	...
" R.C.	15	71	4	...	8	70	12	80	6	4	36	43	11	24	26	40	88	2	86	90	...
St. Silas' ..	12	76	5	...	57	36	...	93	...	...	81	8	4	15	18	60	85	3	91	93	...
St. Stephen's	7	60	4	...	31	38	2	67	3	1	41	20	10	9	23	39	63	8	66	70	...
St. Thomas'	22	77	6	...	34	67	4	103	...	...	62	34	9	24	32	49	96	9	104	105	...
Wensley Fold	10	61	4	...	22	48	5	71	2	2	34	29	12	13	26	36	69	6	74	75	...
Witton Infants	5	34	...	...	19	20	...	38	...	1	26	9	4	9	17	13	38	1	39	39	...
Total	454	2405	208	5	321	2037	214	2888	145	39	1531	1161	380	599	860	1613	2809	263	2991	3045	27

TABLE XV.
Conditions, etc., found amongst the 3072 newly admitted
Children examined.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition.....	14·8	78·3	6·6	0·2
Clothing	...	26·7	66·3	6·9
Footgear	...	94·0	4·7	1·2
Cleanliness	...	49·8	37·8	12·3
Teeth	...	19·5	27·9	52·5

	Good.	Defective.
	Percentage	Percentage
Nose and Throat	91·4	8·5
External Eye Defects	97·3	2·6
External Ear Defects (Otorrhœa)	99·1	0·8

Amongst the 3,072 newly admitted children the following defects were found:—

	per cent.
Slightly Enlarged Neck Glands, both sides.	23.2
Slightly Enlarged Neck Glands, one side ..	18.2
Dirty and Sore Heads	9.4
Enlarged Tonsils	6.3
All Eye Defects	3.1
Speech Defects	2.9
Rickets	1.6
Slightly Enlarged Neck Glands one side, and Greatly Enlarged other side	1.6
Adenoids	1.5
All Ear Defects	1.4
Skin	1.3
Greatly Enlarged Neck Glands, both sides.	1.3
Anæmia	0.8
Tonsils and Adenoids	0.6
Respiratory Diseases	0.6
Backward Children	0.5
Greatly Enlarged Neck Glands, one side ..	0.5
Circulatory Diseases	0.5
Ringworm	0.3
Developmental Defects	0.1
Nervous Diseases	0.1
Tubercular Diseases	0.1
Other Diseases	0.1
Other conditions of Nose and Throat	0.06
Infectious Diseases	0.03

TABLE XVI.—Males (Entrants).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn.	Standard.	Blackburn.	Standard.	Blackburn.	Standard.	Blackburn.	Standard.
3- 4	238	36·4	36·2	92·4	92·0	33·2	35·0	15·0	15·9
4- 5	439	38·6	37·6	98·0	95·5	36·4	38·6	16·5	17·5
5- 6	475	40·7	39·7	103·3	100·8	38·8	40·9	17·6	18·5
6- 7	103	42·9	41·9	109·0	106·4	43·3	44·6	19·6	20·2
7- 8	64	45·1	44·6	114·5	113·3	47·1	50·7	21·3	23·0
8- 9	55	47·2	46·4	119·9	117·9	51·2	54·3	23·2	24·6
9-10	55	48·0	48·8	121·9	123·9	54·5	58·3	24·7	26·4
10-11	62	50·4	50·7	128·0	128·8	60·5	64·0	27·4	29·0
11-12	42	52·1	52·6	132·3	133·6	66·1	69·0	30·0	31·3

Therefore

Males at 3— 4 were 0.2 inches above the standard in height.
 „ „ 1.8 pounds below „ „ weight.
 „ 4— 5 were 1.0 inches above „ „ height.
 „ „ 2.2 pounds below „ „ weight.
 „ 5— 6 were 1.0 inches above „ „ height.
 „ „ 2.1 pounds below „ „ weight.
 „ 6— 7 were 1.0 inches above „ „ height.
 „ „ 1.3 pounds below „ „ weight.
 „ 7— 8 were 0.5 inches above „ „ height.
 „ „ 3.6 pounds below „ „ weight.
 „ 8— 9 were 0.8 inches above „ „ height.
 „ „ 3.1 pounds below „ „ weight.
 „ 9—10 were 0.8 inches below „ „ height.
 „ „ 3.8 pounds below „ „ weight.
 „ 10—11 were 0.3 inches below „ „ height.
 „ „ 3.5 pounds below „ „ weight.
 „ 11—12 were 0.5 inches below „ „ height.
 „ „ 2.9 pounds below „ „ weight.

TABLE XVII.—Females (Entrants).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes	
		Blackburn.	Standard	Blackburn	Standard	Blackburn.	Standard.	Blackburn.	Standard.
3- 4	229	36·2	35·3	92·0	89·7	32·7	30·8	14·8	13·9
4- 5	400	38·4	37·3	97·5	94·8	35·1	35·8	15·9	16·2
5- 6	464	40·3	39·7	102·4	100·8	37·9	40·3	17·2	18·3
6- 7	105	42·4	41·8	107·7	106·2	41·7	43·1	18·9	19·5
7- 8	79	44·4	43·5	112·8	110·5	45·2	46·2	20·5	20·9
8- 9	72	46·8	45·5	118·9	113·0	50·7	51·8	23·0	23·5
9-10	64	48·0	47·3	121·9	120·2	54·3	55·2	24·6	25·0
10-11	65	50·7	48·9	128·3	124·2	59·4	60·5	26·9	27·4
11-12	61	52·3	51·5	132·8	130·8	64·8	66·8	29·4	30·3

Therefore

Females at 3— 4 were 0.9 inches above the standard in height.

„ „ 1.9 pounds above „ „ weight.

„ 4— 5 were 1.1 inches above „ „ height.

„ „ 0.7 pounds below „ „ weight.

„ 5— 6 were 0.6 inches above „ „ height.

„ „ 2.4 pounds below „ „ weight.

„ 6— 7 were 0.6 inches above „ „ height.

„ „ 1.4 pounds below „ „ weight.

„ 7— 8 were 0.9 inches above „ „ height.

„ „ 1.0 pounds below „ „ weight.

„ 8— 9 were 1.3 inches above „ „ height.

„ „ 1.1 pounds below „ „ weight.

„ 9—10 were 0.7 inches above „ „ height.

„ „ 0.9 pounds below „ „ weight.

„ 10—11 were 1.8 inches above „ „ height.

„ „ 1.1 pounds below „ „ weight.

„ 11—12 were 0.8 inches above „ „ height.

„ „ 2.0 pounds below „ „ weight.

B. CHILDREN EXAMINED FOR THE SECOND TIME.

This group includes those children who have previously been examined medically.

2,361 children were examined during the year 1912, and they consisted of 1,147 boys and 1,214 girls.

Table XVIII. shows these 2,361 children arranged according to age, sex, and the number examined at the various Schools.

Tables XIX. and XX. contain particulars of average heights and weights in various age-periods for males and females respectively.

The defects found at these 2,361 second examinations appear in Table XXI.

The males were above the standard in height at the age-periods 6—7, 7—8, and 9—10 years respectively, and below the standard in all the other age-periods. They were below the standard in weight in all the age-periods from 6 to 11 years.

The females were above the standard in height in all the age-periods at which they were examined, and below the standard in weight in all the age-periods.

It will be noticed that the percentage of children suffering from Nose and Throat, External Eye and Ear defects, are larger in this group than in the children newly admitted. This matter should receive careful consideration in the future.

TABLE XVIII.
Number and Age Periods of Children examined for the Second time.

SCHOOL.	6-7		7-8		8-9		9-10		10-11		11-12		Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Accrington Road	2	2	16	14	1	1	4	8	4	4	2	1	29	30	59
Audley Range	7	9	20	11	2	4	7	8	5	6	1	...	42	38	80
All Saints'	3	1	9	5	1	...	4	1	2	...	...	...	19	7	26
Bangor Street	6	2	6	15	...	...	3	4	...	...	...	...	16	26	42
Bank Top	1	1	12	11	...	1	5	5	8	10	...	1	26	29	55
Blakey Moor C.	2	1	1	5	...	1	9	7	11	13	8	10	31	37	68
Cedar Street	4	4	7	12	2	1	5	8	2	3	...	...	20	28	48
Christ Church	10	6	18	22	...	4	6	10	5	5	2	1	41	48	89
Emmanuel	5	1	17	16	2	3	3	5	12	6	...	...	39	31	70
Furthergate	6	8	10	15	...	2	2	2	3	2	...	3	21	32	53
Four Lanes End	4	3	10	4	1	1	3	3	3	...	...	1	21	12	33
Griffin	5	6	12	19	3	...	9	8	8	9	...	...	37	42	79
Holy Trinity	5	3	15	10	2	...	4	5	5	8	1	...	32	26	58
Lower Darwen C.	...	1	8	3	3	1	...	5	5	3	...	...	16	13	29
Maudsley Street	4	...	11	18	...	1	4	8	5	1	2	3	26	31	57
Moss Street	7	6	15	13	...	...	2	5	3	3	...	...	27	27	54
Mill Hill C.	8	3	18	13	...	1	2	8	7	10	2	1	38	36	74
Norfolk Street	2	2	14	11	1	1	4	3	4	3	...	...	25	19	44
Park Road	3	4	18	21	5	...	2	3	5	2	1	1	34	31	65
Sacred Heart	2	1	7	6	...	...	...	1	...	3	...	...	9	12	21
St. Alban's	4	5	17	22	...	2	8	7	3	4	...	1	32	41	73
St. Anne's	4	7	24	11	3	2	3	9	...	2	1	3	35	34	69
St. Andrew's	2	...	14	8	...	...	2	4	4	5	...	...	22	17	39

TABLE XVIII.—Continued.
Numbers and Age Periods of Children examined for the Second time.

SCHOOL.	6-7		7-8		8-9		9-10		10-11		11-12		Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
St. Barnabas's	5	7	12	16	1	1	4	6	1	3	1	2	24	35	59
St. Bartholomew's	5	4	14	18	1	..	6	6	4	2	2	2	32	32	64
St. Gabriel's	3	3	5	5	..	1	3	6	2	2	..	..	13	17	30
St. James's, Shear Brow	1	4	5	4	..	..	4	4	2	3	..	..	12	15	27
St. James's, Black-a-Moor	2	1	3	6	..	..	4	3	1	3	..	..	10	13	23
St. John's	..	1	1	8	..	2	1	..	3	3	..	..	5	14	19
St. Joseph's	6	5	17	18	1	2	9	11	18	10	1	3	52	49	101
St. Joseph's	10	1	12	18	2	1	6	18	8	7	..	..	38	45	83
St. Luke's	5	4	17	11	..	4	..	1	1	4	1	1	24	25	49
St. Mary's	3	7	26	19	2	..	6	5	5	8	..	..	42	39	81
St. Matthew's	1	4	11	10	4	3	8	5	3	7	1	1	28	30	58
St. Michael's	2	3	14	8	..	..	6	8	..	1	..	1	22	21	43
St. Paul's	4	2	9	20	1	3	11	7	2	10	1	3	28	45	73
St. Peter's C.E.	3	..	6	12	2	..	2	2	2	1	2	..	17	15	32
St. Peter's R.C.	2	8	7	18	..	1	6	9	6	7	..	..	21	43	64
St. Silas's	4	4	11	10	2	1	12	4	..	9	..	1	29	29	58
St. Stephen's	8	5	10	5	..	..	6	8	3	10	..	..	27	28	55
St. Thomas's	6	6	23	21	..	6	17	11	9	3	1	..	62	44	106
Wensley Fold	3	9	16	7	..	1	2	3	2	3	..	..	23	23	46
Witton Infants	..	1	..	4	..	..	..	..	..	..	..	..	..	5	5
Total	169	155	518	523	49	48	204	244	176	202	31	42	1147	1214	2361

TABLE XIX.
MALES.—Average Heights and Weights.—Second Examination.

SCHOOL	6 TO 7 YEARS.			7 TO 8 YEARS.			8 TO 9 YEARS.					
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
Acerington Road	44-0	111-7	46-8	21-2	45-6	115-8	48-5	22-0	42-2	107-2	45-0	20-4
Audley Range	42-4	107-7	41-1	18-6	45-7	116-0	47-8	21-7	47-5	120-6	52-8	23-9
All Saints'	42-2	107-2	44-7	20-3	45-6	115-8	50-2	22-7	46-2	117-4	47-5	21-5
Bangor Street	41-2	104-6	43-2	19-6	45-2	114-8	42-7	19-3	...	...	...	...
Bank Top	41-2	104-6	38-0	17-2	44-6	113-2	44-7	20-3	...	...	...	...
Blakey Moor C.	46-5	118-1	53-6	24-3	45-5	115-6	47-0	21-3	...	...	...	...
Cedar Street	45-6	115-8	48-1	21-8	45-0	114-3	44-3	20-1	46-3	117-6	46-8	21-2
Christ Church	43-9	111-5	43-9	19-9	45-1	114-5	45-5	20-6	...	...	...	...
Emmanuel	43-3	110-0	43-8	19-8	44-3	112-5	44-9	20-3	47-1	119-6	48-6	22-0
Furthegate	43-3	110-0	45-2	20-5	43-6	110-7	46-6	21-1	...	...	...	...
Four Lanes End	44-0	111-7	44-4	20-1	45-9	116-6	45-4	20-6	42-0	106-6	39-5	17-9
Griffin	41-9	106-4	41-5	18-8	44-8	113-8	47-7	21-6	47-7	121-1	51-2	23-2
Holy Trinity	43-6	110-7	45-4	20-6	44-6	113-2	46-5	21-1	42-8	108-7	44-5	20-6
Lower Darwen C.	...	...	...	...	45-9	116-6	45-9	20-8	50-1	127-2	60-1	27-2
Maudsley Street	43-3	110-0	45-4	20-6	42-1	106-9	42-2	19-1	...	...	...	...
Moss Street	43-5	110-5	44-1	20-0	44-3	112-5	47-5	21-5	...	...	...	...
Mill Hill C.	43-9	111-5	44-6	20-2	44-7	113-5	44-8	20-3	44-0	111-7	49-5	22-4
Norfolk Street	44-6	113-2	44-5	20-2	44-9	114-0	45-9	20-8	41-7	105-9	39-2	17-8
Park Road	45-7	116-0	43-7	19-8	44-7	113-5	45-6	20-7	45-7	116-0	45-6	20-7
Sacred Heart	42-5	107-9	42-3	19-2	45-2	114-8	45-2	20-5	...	...	...	...
St. Alban's	42-8	108-7	42-9	19-4	43-4	110-2	45-7	20-7	...	...	...	...
St. Anne's	43-1	109-4	43-9	19-9	42-8	108-7	45-6	20-7	47-3	120-2	55-5	25-1
St. Andrew's	44-6	113-2	44-8	20-3	46-1	117-1	48-5	22-0	...	...	...	...

TABLE XIX.—Continued

MALES.—Average Heights and Weights.—Second Examination.

SCHOOL	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
St. Barnabas'	44.4	112.8	45.8	20.7	44.2	112.2	44.7	20.3	44.0	111.7	40.0	18.1
St. Bartholomew's ..	42.5	107.9	44.4	20.1	44.5	113.0	44.8	20.3	47.5	120.6	55.0	25.1
St. Gabriel's	43.8	111.2	44.2	20.0	45.8	116.3	49.2	22.3	...	...	...	...
St. James', Shear Br'w	41.0	104.1	36.5	16.5	45.0	114.3	46.0	20.8	...	...	...	...
" Black-a-M'r	44.1	112.0	45.3	20.5	45.1	114.5	48.7	22.1	...	...	...	...
" Guide	...	...	...	...	45.7	116.0	51.7	23.4	...	...	...	...
St. John's	43.9	111.5	43.6	19.7	45.1	114.5	46.0	20.8	49.5	125.7	55.7	25.2
St. Joseph's	42.9	109.0	43.0	19.5	44.9	114.0	47.7	21.6	46.5	118.1	54.8	24.8
St. Luke's	43.8	111.2	45.8	20.7	44.0	111.7	45.7	20.7	...	...	...	...
St. Mary's	43.1	109.4	43.4	19.7	43.9	111.5	45.0	20.4	45.1	114.5	48.1	21.8
St. Matthew's	42.5	107.9	38.7	17.5	45.4	115.3	48.6	22.0	45.3	115.0	48.9	22.2
St. Michael's	43.3	110.0	44.0	19.9	44.5	113.0	45.1	20.4	...	...	...	...
St. Paul's	42.9	109.0	42.9	19.4	45.4	115.3	45.8	20.7	46.2	117.4	45.0	20.4
St. Peter's C.E.	45.8	116.3	48.6	22.0	44.9	114.0	47.4	21.5	46.1	117.1	48.0	21.8
" R.C.	43.3	110.0	43.8	19.8	43.5	110.5	45.4	20.6	49.8	126.5	57.0	25.8
St. Silas'	44.7	113.5	42.9	19.4	44.1	112.0	42.0	19.0	...	...	...	...
St. Stephen's	44.3	112.5	45.9	20.8	45.7	116.0	51.0	23.1	...	...	...	...
St. Thomas'	43.4	110.2	44.1	20.0	44.7	113.5	46.4	21.0	44.2	112.2	44.4	20.1
Wensley Fold	41.3	104.9	38.9	17.6	44.7	113.5	46.8	21.2	...	...	...	...
Witton Infants	...	...	...	...	..	...	..	...	...	...	...	...
Averages	43.5	110.5	43.9	19.9	44.8	113.8	46.3	21.0	45.8	116.3	48.8	22.1

TABLE XIX.—Continued.
MALES.—Average Heights and Weights.—Second Examination.

SCHOOL.	9 TO 10 YEARS.				10 TO 11 YEARS.				11 TO 12 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
Accrington Road	51.0	129.5	62.2	23.2	51.2	130.0	59.3	26.9	51.8	131.6	64.0	29.0
Andley Range	50.1	127.2	57.9	26.2	50.1	127.2	59.2	26.8	47.5	120.6	55.2	25.0
All Saints'	48.4	123.0	56.6	25.6	49.8	126.5	55.3	25.1	...	...	...	...
Bangor Street	50.7	128.8	62.2	28.2	...	...	...	...	52.5	133.3	68.5	31.0
Bank Top	48.0	121.9	53.1	24.1	50.3	127.7	60.4	27.4	...	...	...	...
Blakey Moor C.	51.1	129.8	59.9	27.1	52.1	132.3	63.1	28.6	...	...	...	...
Cedar Street	49.9	126.7	60.9	27.6	47.8	121.4	51.6	23.4	53.9	136.9	71.6	32.5
Christ Church	49.6	126.0	56.0	25.4	49.7	126.2	53.4	24.2	48.7	123.7	54.1	24.5
Emmanuel	48.2	122.4	52.5	23.8	49.8	126.5	58.0	26.3	...	...	...	...
Furthergate	47.4	120.4	54.8	24.8	49.0	124.4	60.0	27.2	...	...	...	...
Four Lanes End	49.6	126.0	56.0	25.4	51.0	129.5	60.1	27.2	...	...	...	...
Griffin	49.5	125.7	57.4	26.0	50.7	128.8	60.8	27.6	...	...	...	...
Holy Trinity	49.5	125.7	58.5	26.5	48.3	122.7	59.2	26.8	48.2	122.4	59.7	27.1
Lower Darwen C.	...	...	...	...	51.7	131.3	61.6	27.9	...	...	...	...
Maudsley Street	49.8	126.5	61.0	27.7	49.3	125.2	55.6	25.2	54.8	139.2	77.1	34.9
Moss Street	50.6	128.5	62.3	28.2	50.5	123.2	60.7	27.5	...	...	...	...
Mill Hill C.	48.1	122.2	52.8	23.9	50.0	127.0	58.8	26.7	49.0	124.4	61.3	27.8
Norfolk Street	49.2	125.0	54.9	24.9	48.6	123.4	55.8	25.3	...	...	...	...
Park Road	44.0	111.7	48.8	22.1	50.2	127.5	56.9	25.8	52.0	32.0	62.0	28.1
Sacred Heart	...	...	...	...	...	...	...	...	...	...	...	...
St. Alban's	47.6	120.9	56.3	25.5	47.3	120.1	56.4	25.6	...	...	...	...
St. Anne's	44.5	113.0	50.5	22.9	...	...	...	...	55.7	141.5	81.5	36.9
St. Andrew's	51.5	130.8	64.3	29.1	50.9	129.3	60.7	27.5	...	...	...	...

TABLE XX.
FEMALES—Average Heights and Weights.—Second Examination.

SCHOOL.	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
Acerington Road	44.5	113.0	46.1	20.9	44.5	113.0	45.2	20.5	45.2	114.8	49.5	22.4
Audley Range	44.9	114.0	45.0	20.4	44.4	112.8	45.0	20.4	46.6	118.4	50.9	23.1
All Saints'	42.2	107.2	40.0	18.1	42.8	108.7	43.6	19.7	...	...	...	...
Bangor Street	42.1	106.9	43.5	19.7	44.3	112.5	43.8	19.9	...	...	...	...
Bank Top	42.7	108.4	38.7	17.5	43.6	110.7	43.1	19.5	48.0	121.9	49.2	22.3
Blakey Moor C.	46.0	116.8	43.7	19.8	45.5	115.6	44.7	20.3	50.2	127.5	58.7	26.6
Cedar Street	44.4	112.8	44.0	19.9	45.9	116.6	47.6	21.6	46.2	117.4	47.0	21.3
Christ Church	43.7	111.0	43.7	19.8	44.9	114.0	45.6	20.7	44.3	112.5	42.8	19.4
Emmanuel	45.5	115.6	57.5	26.1	43.8	111.2	42.9	19.4	45.9	116.6	47.5	21.5
Furthergate	42.8	108.7	42.8	19.4	44.4	112.8	46.5	21.1	46.2	117.4	48.2	21.8
Four Lanes End	45.1	114.5	47.9	21.7	41.9	106.4	43.9	19.9	50.0	127.0	52.5	23.8
Griffin	44.2	112.2	42.9	19.4	44.9	114.0	44.8	20.3	...	...	...	...
Holy Trinity	44.2	112.2	47.4	21.5	42.2	107.2	42.6	19.3	...	...	...	...
Lower Darwen C.	42.7	108.4	38.2	17.3	46.1	117.1	48.2	21.8	47.5	120.6	59.2	26.8
Maudsley Street	...	...	...	...	44.4	112.8	45.6	20.7	48.7	123.7	48.0	21.8
Moss Street	43.7	111.0	43.1	19.5	44.3	112.5	44.9	20.3	...	124.4	55.5	25.2
Mill Hill C.	44.7	113.5	44.0	19.9	45.2	114.8	46.6	21.1	...	...	...	...
Norfolk Street	42.2	107.2	38.5	17.4	44.3	112.5	46.2	20.9	...	...	...	...
Park Road	45.7	116.0	42.5	19.3	44.2	112.2	42.9	19.4	...	...	...	...
Sacred Heart	43.7	111.0	38.2	17.3	44.9	114.0	45.4	20.6	...	...	...	...
St. Alban's	42.6	108.2	43.2	19.6	43.2	109.7	43.5	19.7	47.1	119.6	48.0	21.8
St. Anne's	40.3	102.4	38.2	17.3	42.0	106.6	43.1	19.5	43.4	110.2	43.1	19.5
St. Andrew's	...	...	...	...	44.8	113.8	46.0	20.8	...	...	...	...

TABLE XX.—Continued.

FEMALES—Average Heights and Weights.—Second Examination.

SCHOOL.	6 TO 7 YEARS.			7 TO 8 YEARS.			8 TO 9 YEARS.		
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes	Average height in centimetres
St. Barnabas'	43.1	109.4	40.9	18.5	44.6	113.2	45.6	20.7	48.5
St. Bartholomew's ..	43.9	111.5	44.9	20.3	45.3	115.0	46.2	20.9	123.2
St. Gabriel's	42.7	108.4	42.8	19.4	44.0	111.7	44.8	20.3	125.0
St. James' Shear Br'w	42.9	109.0	41.2	18.7	44.2	112.2	46.7	21.2	...
„ Black-a-M'r	41.0	111.7	41.5	18.3	45.8	116.3	46.8	21.2	...
„ Guide	44.7	113.5	47.7	21.6	44.8	113.8	44.3	20.1	48.8
St. John's ..	43.4	110.2	41.6	18.8	45.2	114.8	44.6	20.2	123.9
St. Joseph's	42.0	106.6	38.0	17.2	44.4	112.8	46.5	21.1	112.2
St. Luke's ..	45.3	115.0	46.9	21.3	44.6	113.2	46.2	20.9	107.2
St. Mary's ..	42.4	107.7	42.8	19.4	44.0	111.7	44.3	20.1	122.9
St. Matthew's	43.6	110.7	43.8	19.9	44.8	113.8	44.5	20.2	117.9
St. Michael's	41.9	106.4	40.1	18.2	43.1	109.4	45.2	20.5	46.4
St. Paul's ..	42.7	108.4	41.0	18.6	43.7	111.0	42.1	19.1	46.7
St. Peter's C.E.	...	...	...	...	43.3	110.0	42.9	19.4	...
„ R.C.	41.9	106.4	40.4	18.3	43.1	109.4	43.5	19.7	118.6
St. Silas' ..	43.4	110.2	37.5	17.0	44.7	113.5	43.5	19.7	106.6
St. Stephen's	43.7	111.0	47.3	21.4	45.8	116.3	48.3	21.9	115.6
St. Thomas'	42.2	107.2	41.6	18.8	44.6	113.2	46.3	21.0	...
Wensley Fold	42.4	107.7	40.7	18.4	42.9	109.0	42.2	19.1	117.1
Witton Infants	44.5	113.0	49.0	22.2	41.9	106.4	36.7	16.6	111.7
Averages	43.5	110.5	42.9	19.4	44.2	112.2	44.7	20.3	...
									118.1
									49.8
									22.6

TABLE XX.—Continued.

FEMALES.—Average Heights and Weights.—Second Examination.

SCHOOL.	9 TO 10 YEARS.				10 TO 11 YEARS.				11 TO 12 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
St. Barnabas'	49·6	126·0	55·1	25·0	50·5	123·2	58·0	26·3	54·0	137·1	73·0	33·1
St. Bartholomew's ...	50·4	128·0	56·0	25·4	50·0	127·0	53·3	24·2	55·3	140·5	78·1	35·4
St. Gabriel's	49·2	125·0	55·7	25·2	49·8	126·5	57·3	26·0	...	...	...	...
St. James', Shear Br'w	50·4	128·0	57·4	26·0	46·6	118·4	47·8	21·7	...	...	...	...
" Black-a-M'r	50·7	128·8	57·2	25·9	51·8	131·6	61·7	28·0	...	...	...	...
" Guide	...	...	...	...	49·2	125·0	54·4	24·7	...	...	...	...
St. John's	49·7	126·2	58·9	26·7	49·6	126·0	55·8	25·3	54·8	139·2	63·7	28·9
St. Joseph's	48·7	123·7	54·1	24·5	49·6	126·0	56·1	25·4	...	...	...	...
St. Luke's	50·5	128·2	60·7	27·5	48·4	122·9	57·2	25·9	52·0	132·0	68·7	31·1
St. Mary's	48·3	122·7	50·1	22·7	49·1	124·7	55·8	25·3	...	...	...	...
St. Matthew's	48·2	122·4	54·1	24·5	49·7	126·2	57·3	26·0	51·0	129·5	71·0	32·2
St. Michael's	48·7	123·7	57·3	26·0	49·0	124·4	52·2	23·7	54·7	138·9	73·0	33·1
St. Paul's	48·8	123·9	55·5	25·2	49·1	124·7	56·5	25·6	50·9	129·3	60·3	27·3
St. Peter's C.E.	47·3	121·4	54·5	24·7	51·5	130·8	61·0	27·7	...	...	...	...
" R.C.	47·5	120·6	51·4	23·3	48·0	121·9	53·2	24·1	...	...	...	...
St. Silas'	49·8	126·5	60·2	27·3	51·3	130·3	61·3	27·8	54·5	138·4	62·5	28·3
St. Stephen's	48·1	122·2	51·8	23·5	49·5	125·7	60·7	27·5	...	...	...	...
St. Thomas'	48·9	124·2	53·6	24·3	49·8	126·5	59·6	27·0	...	...	...	...
Wensley Fold	47·3	120·2	52·8	23·9	46·7	118·6	48·2	21·8	...	...	...	...
Witton Infants	...	...	...	...	...	...	...	...	...	...	...	...
Averages	48·9	124·2	55·1	25·0	49·9	126·7	57·2	25·9	52·4	133·1	64·2	29·1

TABLE XXI.
Conditions, Defects, etc. found in the 2361 Children examined for the Second time.

SCHOOL	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose and Throat		Ext. Eye Disease		Ext. Ear Disease	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Defective	Good	Defective	Good
Accrington Road	3	53	3	1	20	38	1	59	1	...	33	21	5	16	43	53	6	57	58	1	58
Audley Range	7	66	7	3	21	56	3	79	3	...	44	25	11	9	67	73	7	79	79	1	79
All Saints'	5	18	3	1	4	21	1	23	1	...	8	15	3	9	15	25	1	23	26	...	26
Bangor Street	4	32	6	2	7	28	2	39	3	...	20	15	7	12	29	37	5	41	42	1	42
Bank Top	4	43	8	3	12	45	3	53	1	...	22	24	9	3	35	51	4	53	55	2	55
Blakey Moor C.	8	54	6	...	52	16	...	65	3	...	63	4	1	17	35	61	7	68	65	3	65
Cedar Street	2	38	8	2	14	32	2	48	...	...	35	12	1	4	32	41	7	48	48	...	48
Christ Church	4	73	12	6	17	66	6	87	2	...	39	30	20	4	66	77	12	87	86	3	86
Emmanuel	8	57	5	6	10	54	6	69	1	...	30	27	13	12	46	61	9	67	70	...	70
Furthergate	5	45	3	3	5	45	3	43	9	1	13	25	15	1	35	50	3	52	53	...	53
Four Lanes End	7	21	5	...	15	15	3	30	2	1	22	9	2	1	25	26	7	30	33	...	33
Griffin	15	56	8	2	27	50	2	78	1	...	47	22	10	5	53	69	10	77	76	3	76
Holy Trinity	5	48	5	6	4	48	6	55	2	1	26	27	5	3	35	56	2	57	58	...	58
Lower Darwin C.	3	24	2	1	14	14	1	29	...	...	23	5	1	7	22	29	...	29	29	...	29
Maudsley Street	3	45	9	8	10	39	8	51	5	1	15	31	11	3	39	51	6	53	56	1	56
Moss Street	5	43	6	2	9	43	2	51	2	1	30	21	3	1	16	37	4	54	54	...	54
Mill Hill C.	9	61	4	4	18	52	4	73	1	...	36	26	12	4	60	66	8	72	73	1	73
Norfolk Street	3	35	6	2	13	29	2	42	2	...	12	27	5	4	35	42	3	44	43	...	43
Park Road	4	50	11	5	10	11	5	61	1	3	32	23	10	2	13	50	2	64	63	1	63
Sacred Heart	1	15	5	...	10	11	...	19	2	...	13	5	3	1	6	14	3	21	21	2	21
St. Alban's	3	53	16	1	8	49	17	65	5	3	28	37	14	2	15	18	6	73	71	...	71
St. Anne's	8	50	11	4	10	48	4	59	6	4	22	28	13	4	50	64	5	65	67	2	67
St. Andrew's	4	29	6	1	5	33	1	38	1	...	17	18	4	1	31	37	2	39	39	...	39

TABLE XXI.—Continued.

Conditions, Defects, etc., found in the 2361 Children examined for the Second time.

SCHOOL.	Nutrition			Clothing			Footgear			Cleanliness		Teeth		Nose and Throat		Ext. Eye Disease		Ext. Ear Disease	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Defective	Good	Defective	Good	Defective
St. Barnabas'	13	37	9	..	22	35	2	58	1	..	31	21	7	15	42	51	55	59	..
St. Bartholomew's ..	3	55	6	..	17	46	1	59	5	..	29	30	5	10	51	59	64	63	1
St. Gabriel's	1	25	4	..	11	19	..	30	..	..	16	9	5	11	17	27	30	30	..
St. James' Shear Br'w	..	22	5	..	12	15	..	26	1	..	16	7	4	5	22	24	27	27	..
St. James' Black-a-M'r	3	18	2	..	7	16	..	23	..	..	14	6	3	4	19	19	23	23	..
St. John's	3	13	3	..	3	16	..	19	..	..	11	5	3	..	16	17	19	19	..
St. John's	9	79	13	..	35	61	5	96	5	..	65	29	7	7	73	95	99	100	1
St. Joseph's	7	66	10	..	8	64	11	75	6	2	32	41	10	5	29	49	83	83	..
St. Luke's	6	36	7	..	9	35	5	46	2	1	24	20	5	1	37	46	46	46	1
St. Mary's	5	67	8	1	14	53	14	70	5	6	30	29	22	8	20	53	75	80	1
St. Matthew's	3	44	11	..	14	43	1	58	..	..	26	25	7	2	20	52	53	57	1
St. Michael's	3	33	7	..	4	34	5	39	2	2	17	19	7	6	10	35	69	43	..
St. Paul's	5	62	6	..	9	57	7	65	6	2	20	34	19	1	16	67	69	72	1
St. Peter's C.E.	1	27	4	..	13	16	3	28	4	..	20	5	7	..	26	27	32	32	..
St. Peter's R.C.	3	44	13	..	10	48	6	57	6	1	13	36	15	2	16	58	59	64	..
St. Silas'	8	48	6	..	33	25	..	58	..	..	48	9	1	3	6	49	58	58	..
St. Stephen's	4	43	8	..	15	40	..	54	1	..	27	17	11	3	15	50	54	55	..
St. Thomas'	8	92	6	..	27	72	7	101	5	..	53	42	11	5	28	73	100	106	..
Wensley Fold	5	34	7	..	11	32	3	44	2	..	17	23	6	2	11	33	43	46	..
Witten Infants	..	5	..	..	2	2	1	5	..	..	2	..	3	..	5	4	3	5	..
Total	210	1859	290	2	591	1611	159	2227	104	30	1141	1884	336	1110	571	1680	2287	2335	26

TABLE XXII.

**Conditions, etc., found amongst the 2361 Children examined
for the second time.**

	Excellent.	Good	Medium.	Bad
	Percentage	Percentage	Percentage	Percentage
Nutrition	8·9	78·7	12·2	0·1
Clothing	...	25·0	68·2	6·7
Footgear	...	94·3	4·4	1·2
Cleanliness	...	48·3	37·4	14·2
Teeth	...	4·6	24·2	71·1

	Good.	Defective.
	Percentage	Percentage
Nose and Throat.....	90·2	9·7
External Eye Defects.....	96·8	3·1
External Ear Defects (Otorrhœa)	98·8	1·1

Amongst the 2,361 children examined for the second time, the following defects were found:—

	Per cent.
Slightly Enlarged Neck Glands, both sides	25.6
Slightly Enlarged Neck Glands, one side..	19.4
Dirty and Sore Heads	12.2
Enlarged Tonsils	6.9
All Eye Defects	5.2
Anæmia	3.1
All Ear Defects	2.3
Speech Defects	2.2
Adenoids	2.1
Skin	1.7
Slightly Enlarged Neck Glands one side, and Greatly Enlarged other side	1.5
Circulatory Diseases	1.3
Greatly Enlarged Neck Glands, both sides.	1.0
Greatly Enlarged Neck Glands, one side...	0.8
Tonsils and Adenoids	0.6
Respiratory Diseases	0.6
Rickets	0.5
Backward Children	0.5
Ringworm	0.2
Developmental Defects	0.2
Nervous Diseases	0.2
Tubercular Diseases	0.1
Other Conditions of Nose and Throat	0.1
Other Diseases	0.5

TABLE XXIII.
Males (Second Examination).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn.	Standard	Blackburn	Standard	Blackburn	Standard	Blackburn	Standard
6- 7	169	43.5	41.9	110.5	106.4	43.9	44.6	19.9	20.2
7- 8	518	44.8	44.6	113.8	113.3	46.3	50.7	21.0	23.0
8- 9	49	45.8	46.4	116.3	117.9	48.8	54.3	22.1	24.6
9-10	204	49.1	48.8	124.7	123.9	57.1	58.3	25.9	26.4
10-11	176	49.8	50.7	126.5	128.8	58.2	64.0	26.4	29.0
11-12	31	51.7	52.6	131.3	133.6	65.4	69.0	29.6	31.3

Therefore

Males at 6— 7 were 1.6 inches above the standard in height.
 „ „ 0.7 pounds below „ „ weight.
 „ 7— 8 were 0.2 inches above „ „ height.
 „ „ 4.4 pounds below „ „ weight.
 „ 8— 9 were 0.6 inches below „ „ height.
 „ „ 5.5 pounds below „ „ weight.
 „ 9—10 were 0.3 inches above „ „ height.
 „ „ 1.2 pounds below „ „ weight.
 „ 10—11 were 0.9 inches below „ „ height.
 „ „ 5.8 pounds below „ „ weight.
 „ 11—12 were 0.9 inches below „ „ height.
 „ „ 3.6 pounds below „ „ weight.

TABLE XXIV.
Females (Second Examination).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn	Standard	Blackburn	Standard	Blackburn	Standard	Blackburn	Standard
6-7	155	43.5	41.8	110.5	106.2	42.9	43.1	19.4	19.5
7-8	523	44.2	43.5	112.2	110.5	44.7	46.2	20.3	20.9
8-9	48	46.5	45.5	118.1	113.0	49.8	51.8	22.6	23.5
9-10	244	48.9	47.3	124.2	120.2	55.1	55.2	25.0	25.0
10-11	202	49.9	48.9	126.7	124.2	57.2	60.5	25.9	27.4
11-12	42	52.4	51.5	133.1	130.8	64.2	66.8	29.1	30.3

Therefore

Females at 6—7 were 1.7 inches above the standard in height.
 „ „ 0.2 pounds below „ „ weight.
 „ 7—8 were 0.7 inches above „ „ height.
 „ „ 1.5 pounds below „ „ weight.
 „ 8—9 were 1.0 inches above „ „ height.
 „ „ 2.0 pounds below „ „ weight.
 „ 9—10 were 1.6 inches above „ „ height.
 „ „ 0.1 pounds below „ „ weight.
 „ 10—11 were 1.0 inches above „ „ height.
 „ „ 3.3 pounds below „ „ weight.
 „ 11—12 were 0.9 inches above „ „ height.
 „ „ 2.6 pounds below „ „ weight.

C. LEAVERS, INCLUDING HALF-TIMERS.

In this Group 1,733 children, comprising 790 boys and 943 girls, were examined between the ages of 12 and 14 years.

Of these 1,733 children, 1,057, comprising 443 boys and 614 girls, were engaged half the day in the cotton mills.

Of these 1,057 children, 389 boys and 496 girls were between 12 and 13 years of age.

Tables XXV. to XXXII. and Tables XXXV. to XXXVII. show particulars regarding the heights and weights of half-timers and non-half-timers, together with comparisons between those and the standard.

Tables XXXIII. and XXXIV. show the defects found amongst these 1,733 leavers, including the half-timers.

The heights and weights of the half-timers examined in Blackburn during 1912, show similar results to those obtained from examination of leavers, including half-timers, and published in my Annual Education Reports for the years 1908, 1909, 1910, and 1911.

From the tables given showing the comparison between Blackburn school children and the standard, it will be seen that the children of the three classes detailed are similar to previous years respecting their relation to the standard of the Anthropometric Committee.

It will be interesting on some future occasion to consider the average of a period of five years in each School for the purpose of comparisons.

The average number of half-timers during the past 12 months was 1,633, an increase of 34 on the previous 12 months.

From the Report of the Board of Education, 1911-12, there appears to have been a continuous decrease in half-timers in England since 1907-8, *viz.* :—

	1907-8	1908-9	1909-10	1910-11	1911-12
Half-Timers	84,419	79,081	75,699	71,408	70,225

Of the 70,225 Half-Timers,

22,838 were from the Administrative County of Lancashire.

16,364 were from Lancashire County Boroughs.

11,296 were from the West Riding of Yorkshire.

8,355 were from the County Borough of Bradford.

The following Table shows the gradual decrease in the average number of Half-Timers on the rolls from 1890 to 1910-11, the past 2 years showing an increase:—

1890	.....	5,300	1905-6	.....	1,957
(a) 1893	.....	4,065	1906-7	.....	1,918
(b) 1896	.....	3,218	1907-8	.....	1,896
(c) 1899	.....	2,592	1908-9	.....	1,748
1900	.....	2,300	(d) 1909-10	.....	1,687
1901	.....	2,518	1910-11	.....	1,546
1902	.....	2,337	1911-12	.....	1,599
1903-4	.....	2,110	1912-13	.....	1,633
1904-5	.....	2,044			

- (a) In 1893 the age for exemption was raised from 10 to 11 years.
- (b) In 1896 the qualifying Standard was raised from the 3rd to the 4th.
- (c) In 1899 the age for exemption was raised from 11 to 12 years.
- (d) In 1909 the qualifying Standards were raised from Standards IV. to V. for partial exemption, and from Standards VI. to VII. for total exemption.

Previous to 1903-4, the figures are based on statements made in the months of March and September each year. From March, 1903, the figures show the average number per month in each year.

From the following Table the variation in the number of children at the stated ages attending the Elementary Schools of Blackburn will be seen:—

AGE.		1910-11.			1911-12.			1912-13.		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
3 and under	5	1038	970	2008	1048	983	2031	1019	990	2009
5	7	2242	2278	4520	2315	2320	4635	2413	2350	4763
7	12	5713	5852	11565	5616	5660	11276	5655	5878	11533
12	15	1484	1484	2968	1311	1430	2741	1386	1453	2839
15	16	19	12	31	6	4	10	19	19	38
16	17	...	3	3	2	2	4	...	1	1
Total		10496	10599	21095	10298	10399	20697	10492	10691	21183

EXEMPTIONS.

The following shows the number of children registered for total and partial exemption respectively during the 12 months:—

Total Exemption.

		By Attendance		By Proficiency			
		Qualification.		Standard VII.		By	
		Age 13.		Ages 12 & 13.		Age.	
						Total.	
1912-13	.....	1,743	.....	11	.....	244	 1,998
1911-12	.....	1,706	.....	5	.....	164	 1,875

Partial Exemption.

		By Attendance		By Proficiency.			
		Qualification.		Standard V.		Total.	
1912-13	.....	1,573	.....	1	.....	1,574	
1911-12	.....	1,678	.....	3	.....	1,681	

The following are the occupations registered of the 1,743 children obtaining Full-Time Exemption at 13 years by attendance qualification:—

Cotton Mills, Warehouses, &c.	1474
Rope Works	21
Underclothing Factories	10
Machinists, &c. (girls)	13
Toffee Works (girls)	10
Paper Bag and Paper Works	5

Tailors	4
Dressmaking, &c.	5
Heald and Reed Works	20
Retail Shops	3
Laundry Works	2
Coal Mines	3
Printers	7
Painters (3), Plumbers (4)	7
Joiners and Builders	3
Foundries (6), Tinplate Works (1)	7
Confectioners (girls)	2
Shuttleworks (8), Wheelwrights (3)	11
Dyeworks	1
Christmas Card Works	2
Bookbinding	1
Shoemakers	2
Gardeners	2
Bakers (boys)	3
Office Boys (Commercial)	12
Office Boys (Solicitors)	5
Corporation Trams Department	7
On Farms	4
Errand Boys	65
Domestic (girls)	8
Brushmakers	2
P.O. Messengers	6
Milliner	1
Pawnbrokers	3
Other occupations	12

The following are the occupations of the 1,574 Half-Timers registered:—

Mills	1490
Rope Works	13
Underclothing Factories	7
Paper Bag Works	1
Tinner	1
Toffee Works	5
Dressmakers, &c.	2
Bakehouses	3
Joiner	1

Gardener	1
Cane Worker	1
Shoe Factory	1
Errand Boys	25
Christmas Card Works	1
Domestic (girls)	5
Office Boy	1
Heald and Reed Works	7
Blacksmith	1
Painter	1
Boot and Shoe Makers	2
Milliner	1
Shuttle Works	2
Shop Girls	2

In January, 1913, a Reference from the Education Committee was formed to deal with applications for exemption for employment other than in factories or workshops. The Reference acts rather as an advisory than as an administrative committee. It was appointed with a view of persuading the applicants to extend their children's education, more especially where the occupations of the children were of a blind-alley nature and where the parents were not in need of the children's earnings.

The Reference meets at 7 o'clock on alternate Tuesday evenings, and is assisted by the Juvenile Labour Bureau, the applicants being requested to be in attendance. Up to the 31st March, 5 Meetings have been held and 60 applications considered. In 20 cases the applications were refused by this Reference, and as a result 11 children continued at School, and 9 were registered for mill work. In 1 case an offer of 12 months' free tuition at the Higher Elementary School was made and accepted.

These applications were formerly considered by the Rota Committee from the particulars in the Application Books, without the attendance of the applicants.

The present method, however, has great possibilities for good. From my own experience, I am convinced that many

parents in Blackburn only need a little guidance in order that the education of their children may be extended satisfactorily. I trust that the work of this Committee will continue in the same enthusiastic manner in which it has commenced. The future success in life of so many children depends upon the acceptance of proper advice given at the proper time.

TABLE XXV.—Number of Leavers Examined.

SCHOOL.	Total Number of Children Examined.	12 TO 13 YEARS.						13 TO 14 YEARS.					
		Number of half- timers engaged in Cotton Industry			Number of half- timers engaged in Industries other than Cotton			Number of half- timers engaged in Cotton Industry			Number of half- timers engaged in Industries other than Cotton		
		M	F	M	F	M	F	M	F	M	F	M	F
Accrington Road	49	22	27	13	13	1	10	...	2	...	...	1	1
Audley Range	25	18	7	12	5	...	1	...	...	...	...	1	...
All Saints'	23	15	8	10	5	...	1	...	...	...	...	...	1
Bangor Street	53	26	27	9	12	...	6	...	...	...	1	3	5
Bank Top	44	16	28	10	17	1	5	...	...	...	1	1	1
Cedar Street	47	23	24	13	13	2	3	...	1	...	1	3	1
Christ Church	9	6	3	...	2	...	...	...	1	...	...	1	1
Emmanuel	33	10	23	4	15	...	6	...	...	...	...	1	...
Furthegate	47	24	23	17	16	2	5	...	1	...	1	3	1
Four Lanes End	12	7	5	1	2	...	3	...	...	...	...	...	...
Griffin	81	37	44	19	31	2	3	2	2	...	...	1	...
Holy Trinity	69	25	44	11	15	2	10	2	9	...	...	...	...
Lower Darwen C.	14	7	7	6	5	...	17	2	1	1	1	5	1
Maudsley Street	38	20	18	12	9	...	2	...	1	...	2	...	...
Moss Street	59	24	35	12	22	...	5	2	1	1	2	3	2
Mill Hill C.	62	29	33	16	20	3	6	7	1	1	...	3	2
Norfolk Street	18	7	11	6	8	...	1	...	1	...	...	...	1
Park Road	54	26	28	13	15	1	7	3	4	1	...	3	2
Sacred Heart	12	7	5	1	3	...	1	...	...	...	...	...	...
St. Alban's	105	43	62	22	33	3	14	1	1	2	1	6	7
St. Anne's	79	40	39	10	16	8	8	1	4	2	...	3	3
St. Andrew's	40	14	26	10	14	...	3	...	...	...	...	...	5

TABLE XXV.—continued.—Number of Leavers Examined.

SCHOOL.	Total Number of Children Examined	12 TO 13 YEARS.						13 TO 14 YEARS.									
		M		F		Number of half- timers engaged in Cotton Industry		Number of half- timers engaged in Industries other than Cotton		Number of Non-half-timers		Number of half- timers engaged in Cotton Industry		Number of half- timers engaged in Industries other than Cotton		Number of Non-half-timers	
St. Barnabas's	24	10	14	2	8	2	2	2	7	2	4	2	2	1	2	1	2
St. Bartholomew's	46	18	28	10	13	10	13	4	5	5	7	1	5	2	2	2	3
St. Gabriel's	26	11	15	5	7	5	7	6	2	2	6	1	1	1	1	1	2
St. James's, Shear Brow	18	7	11	3	2	3	2	2	2	2	2	2	2	2	2	2	2
St. " Black-a-Moor	7	2	5	2	3	2	3	2	2	2	2	2	2	2	2	2	2
St. " Guide	10	4	6	3	4	3	4	2	2	2	2	2	2	2	2	2	2
St. John's	56	32	24	7	6	7	6	2	16	4	4	2	1	3	2	7	4
St. Joseph's	72	27	45	14	21	14	21	2	9	13	2	2	2	2	2	2	4
St. Luke's	41	14	27	10	18	10	18	2	2	2	2	2	2	2	2	2	1
St. Mary's	57	31	26	15	13	15	13	2	9	10	2	2	2	3	3	3	2
St. Matthew's	46	19	27	12	18	12	18	2	4	5	4	5	3	1	1	2	1
St. Michael's	61	24	37	11	19	11	19	4	7	5	3	2	2	2	2	2	2
St. Paul's	29	17	12	4	4	4	4	1	5	3	3	1	1	1	4	4	2
St. Peter's C.E.	25	14	11	4	5	4	5	1	8	5	5	1	1	1	1	1	1
St. " R.C.	39	18	21	16	16	16	16	2	1	1	1	1	1	1	1	1	1
St. Silas's	32	17	15	17	19	17	19	2	7	7	7	3	3	2	5	7	3
St. Stephen's	61	23	38	14	14	14	14	2	6	9	3	5	5	2	2	3	5
St. Thomas's	60	30	30	14	14	14	14	2	9	6	3	6	6	2	2	2	1
Wensley Fold	50	26	24	13	15	13	15	1	6	1	6	4	4	2	2	2	1
Total	1733	790	943	389	496	53	20	208	211	54	118	19	21	67	77		

TABLE XXVI.—Half-Timers engaged in the Cotton Industry.
AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 12 AND 13 YEARS OF AGE.

SCHOOL	MALES				FEMALES					
	Number exam- ined.	Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	13	54.7	138.9	73.8	33.5	13	55.3	140.5	79.5	36.0
Audley Range	12	54.9	139.4	72.8	33.0	5	54.9	139.4	73.0	33.1
All Saints'	10	53.1	134.9	68.3	31.0	5	53.3	135.4	67.3	30.5
Bangor Street	9	53.7	136.4	67.9	30.8	12	55.7	141.5	76.8	34.8
Bank Top	10	53.9	136.9	71.7	32.5	17	54.4	138.2	70.9	32.1
Cedar Street	13	55.6	141.2	76.3	34.6	13	54.4	138.2	69.4	31.5
Christ Church	...	...	...	...	...	2	58.3	148.1	89.0	40.3
Emmanuel	4	54.0	137.1	70.8	32.1	15	53.1	134.9	70.0	31.7
Furthergate	17	53.9	136.9	73.7	33.4	16	54.7	138.9	73.9	33.5
Four Lanes End	1	52.2	132.5	70.0	31.7	2	59.2	150.4	87.4	39.6
Griffin	19	53.9	136.9	68.5	31.0	31	53.7	136.4	66.3	30.1
Holy Trinity	11	53.8	136.6	72.3	32.8	15	53.9	136.9	68.8	31.2
Lower Darwen C.	6	53.9	136.9	70.5	32.0	5	54.4	138.2	73.6	33.4
Maudsley Street	12	52.7	133.8	69.1	31.3	9	54.9	139.4	77.5	35.1
Moss Street	12	53.9	136.9	69.4	31.4	22	54.9	139.4	73.1	33.1
Mill Hill C.	16	54.3	137.9	71.6	32.5	20	53.8	136.6	70.0	31.7
Norfolk Street	6	53.0	134.6	67.9	30.8	8	54.7	138.9	70.9	32.1
Park Road	13	53.5	135.9	70.2	31.8	15	54.9	139.4	75.4	34.2
Sacred Heart	1	55.2	140.2	79.7	36.1	3	55.7	141.5	69.6	31.5
St. Alban's	22	53.2	135.2	69.8	31.7	33	54.1	137.4	72.1	32.7
St. Anne's	10	52.3	132.8	69.7	31.6	16	52.5	133.3	68.5	31.1
St. Andrew's	10	56.1	142.5	82.9	37.6	14	55.7	141.5	77.2	35.0
St. Barnabas'	2	55.3	140.5	71.7	32.5	8	56.4	143.2	75.6	34.3

TABLE XXVI.—Continued.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 12 AND 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	10	56.3	143.0	82.3	37.3	13	55.4	140.7	73.5	33.3
St. Gabriel's	5	56.9	144.5	82.7	37.5	7	55.9	142.0	77.8	35.3
St. James's, Shear Brow	3	55.1	139.9	74.5	33.8	2	54.7	138.9	74.9	33.9
" " Black-a-Moor	2	54.8	139.2	77.6	35.2	3	56.1	142.5	87.0	39.4
" " Guide	3	55.2	140.2	78.0	35.4	4	55.6	141.2	75.5	34.2
St. John's	7	54.9	139.4	74.4	33.7	6	55.9	142.0	77.3	35.0
St. Joseph's	14	54.8	139.2	72.9	33.0	21	53.4	135.6	70.2	31.8
St. Luke's	10	52.9	134.4	71.2	32.3	18	54.7	138.9	72.2	32.7
St. Mary's	15	54.5	138.4	72.7	33.0	13	53.9	136.9	69.6	31.5
St. Matthew's	12	54.1	137.4	74.7	33.9	18	54.9	139.4	76.9	34.9
St. Michael's	11	54.7	138.9	73.7	33.4	19	54.9	139.4	76.2	34.5
St. Paul's	4	53.9	136.9	74.2	33.6	4	52.1	132.3	69.9	31.7
St. Peter's C.E.	4	54.9	139.4	77.6	35.2	5	54.0	137.1	72.2	32.7
" " R.C.	16	54.1	137.4	71.6	32.5	16	55.2	140.2	72.9	33.1
St. Silas'	...	...	...	...	...	...	...	...	...	...
St. Stephen's	17	54.6	138.7	71.9	32.6	19	55.9	142.0	75.8	34.4
St. Thomas'	14	53.7	136.4	71.3	32.3	14	54.2	137.7	71.4	32.4
Wensley Fold	13	54.1	137.4	71.5	32.4	15	54.6	138.7	72.7	32.9
	389	54.3	137.9	73.1	33.1	496	54.8	139.2	74.0	33.5

TABLE XXVII.—Continued.—Half-Timers engaged in the Cotton Industry.
AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 13 AND 14 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	4	54.4	138.2	73.9	33.5	5	56.9	144.5	85.4	38.7
St. Gabriel's	...	...	...	...	...	1	57.5	146.0	83.0	37.6
St. James's, Shear Brow	...	...	...	...	...	1	54.2	137.6	64.7	29.3
St. James's, Black-a-Moor	...	...	...	...	...	2	53.8	136.6	66.3	30.1
St. John's	1	54.0	137.1	65.5	29.7	...	...	...	...	...
St. Joseph's	2	51.2	130.0	64.5	29.2	2	56.0	142.2	70.7	32.1
St. Luke's	...	...	...	...	...	7	55.7	141.4	75.5	34.2
St. Mary's	2	53.8	136.6	72.1	32.7	6	59.1	150.1	91.8	41.6
St. Matthew's	2	56.5	143.5	87.6	39.7	3	53.3	135.4	71.3	32.3
St. Michael's	3	54.8	139.2	75.1	34.0	1	62.2	157.9	85.2	38.6
St. Paul's	1	52.0	132.1	61.0	27.7	7	54.7	138.9	75.4	34.2
St. Peter's C.E.	1	54.7	138.9	73.7	33.4	2	55.5	140.9	81.0	36.7
St. Peter's R.C.	...	...	...	...	...	1	57.7	146.5	84.2	38.2
St. Silas'	3	55.4	140.7	70.9	32.1	4	56.5	143.5	86.8	39.3
St. Stephen's	...	...	...	...	...	1	58.0	147.3	77.5	35.1
St. Thomas'	2	52.9	134.4	70.3	31.9	5	58.5	148.6	85.2	38.6
Wensley Fold	4	55.4	140.7	78.4	35.5	6	57.3	145.5	84.4	38.2
	54	54.7	138.9	74.8	33.9	1	53.7	136.4	78.5	35.6
						118	56.4	143.2	77.8	35.3

TABLE XXVIII.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF MALES AND FEMALES COMBINED, BETWEEN THE AGES
OF 12 AND 13 YEARS, AND 13 AND 14 YEARS RESPECTIVELY.

SCHOOL	12 TO 13 YEARS.				No. of boys and girls com- bined		13 TO 14 YEARS.			
	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes			Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	55.0	139.7	76.7	34.8	26		55.6	141.2	83.8	38.0
Audley Range	54.9	139.4	72.9	33.1	17		55.9	142.0	69.9	31.7
All Saints'	53.2	135.2	67.8	30.7	15		53.6	136.1	65.4	29.6
Bank Top	54.2	137.7	71.3	32.3	27		56.1	142.6	74.8	33.9
Cedar Street	55.0	139.7	72.9	33.1	26		56.1	142.6	73.7	33.4
Christ Church	58.3	148.1	89.0	40.3	2		59.6	151.4	86.7	39.4
Emmanuel	53.6	136.1	70.4	31.9	19		57.0	144.7	82.2	37.3
Furthegate	54.3	137.9	73.8	33.5	33		53.0	134.6	73.5	33.3
Four Lanes End	55.7	141.5	78.7	35.7	3		55.2	140.2	82.4	37.4
Griffin	53.8	136.6	67.4	30.6	50		55.4	140.7	83.1	37.7
Holy Trinity	53.9	136.9	70.6	32.0	26		55.3	140.5	76.3	34.6
Lower Darwen C.	54.2	137.7	72.1	32.7	11		...	...	...	...
Maudsley Street	53.8	136.6	73.3	33.2	21		55.9	142.0	75.3	34.1
Moss Street	54.4	138.2	71.3	32.3	34		56.9	144.5	79.8	36.2
Mill Hill C.	54.1	137.4	70.8	32.1	36		55.6	141.2	77.7	35.2
Norfolk Street	53.9	136.9	69.4	31.4	14		54.5	138.4	71.5	32.4
Park Road	54.2	137.7	72.8	33.0	28		54.7	138.9	72.9	33.1
Sacred Heart	55.5	140.9	74.7	33.9	4		54.8	139.2	74.9	33.9
St. Alban's	53.8	136.6	70.9	32.1	55		54.8	139.2	77.1	35.0
St. Anne's	52.4	133.1	69.1	31.3	26		53.8	136.6	72.5	32.9
St. Andrew's	55.9	142.0	80.1	36.3	24		58.9	149.6	85.1	38.6
St. Barnabas'	55.9	142.0	73.7	33.4	10		54.5	138.4	72.2	32.7

TABLE XXVIII.—Continued.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF MALES AND FEMALES COMBINED, BETWEEN THE AGES OF 12 AND 13 YEARS, AND 13 AND 14 YEARS RESPECTIVELY.

SCHOOL	No. of boys and girls com- bined	12 TO 13 YEARS.			No. of boys and girls com- bined	13 TO 14 YEARS.			
		Average height in inches	Average height in centi- metres	Average weight in pounds		Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	23	55.9	142.0	77.9	9	55.7	141.5	79.7	36.1
St. Gabriel's	12	56.4	143.2	79.8	1	57.5	146.0	83.0	37.6
St. James's, Shear Brow	5	54.9	139.4	74.7	1	54.2	137.7	64.7	29.2
" " Black-a-Moor	5	55.5	140.9	82.3	2	53.8	136.6	66.3	30.1
" " Guide	7	55.4	140.7	76.8	...	...	...	...	...
St. John's	13	55.4	140.7	75.9	3	55.0	139.7	68.1	30.9
St. Joseph's	35	54.1	137.4	71.6	9	53.5	135.9	70.0	31.7
St. Luke's	28	53.8	136.6	71.7	6	59.1	150.1	91.8	41.6
St. Mary's	28	54.2	137.7	71.2	5	53.6	136.1	71.7	32.5
St. Matthew's	30	54.5	138.4	75.8	3	59.4	150.8	86.4	39.2
St. Michael's	30	54.8	139.2	74.9	10	54.8	139.2	75.3	34.1
St. Paul's	8	53.0	134.6	72.1	3	53.8	136.6	71.0	32.2
St. Peter's C.E.	9	54.5	138.4	74.9	2	56.2	142.7	78.9	35.8
" " R.C.	32	54.7	138.9	72.3	4	56.5	143.5	86.8	39.3
St. Silas'	...	...	...	...	4	56.7	144.0	74.2	33.6
St. Stephen's	36	55.3	140.5	73.9	5	58.5	148.6	85.2	38.6
St. Thomas'	28	53.9	136.9	74.1	8	55.1	139.9	77.4	35.1
Wensley Fold	28	54.4	138.2	72.1	5	54.6	138.7	78.5	35.6
Bangor Street	21	54.7	138.9	72.4	1	60.0	152.4	85.7	38.8
	885	54.6	138.7	73.6	172	55.6	141.2	76.3	34.6

TABLE XXIX.—Continued.—Half-Timers engaged in Industries other than Cotton.

AVERAGE HEIGHTS AND WEIGHTS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	2	55.5	140.9	85.5	38.8	2	54.7	138.9	70.4	31.9
St. Gabriel's	...	...	...	...	...	...	...	...	...	...
St. James's, Shear Brow	...	...	...	...	...	...	...	...	...	...
" " Black-a-Moor	...	...	...	...	...	...	...	...	...	...
" " Guide	...	...	...	...	...	...	...	...	...	...
St. John's	5	54.5	138.4	71.8	32.5	2	53.3	135.4	73.3	33.2
St. Joseph's	...	...	...	...	...	...	...	...	...	...
St. Luke's	2	55.9	142.0	82.2	37.3	...	...	...	...	...
St. Mary's	2	53.5	135.9	68.8	31.2	...	...	...	...	...
St. Matthew's	...	...	...	...	...	...	...	...	...	...
St. Michael's	1	52.7	133.8	71.0	32.2	4	53.9	136.9	72.7	32.9
St. Paul's	1	56.2	142.7	74.2	33.6	...	...	...	...	...
St. Peter's	...	...	...	...	...	...	...	...	...	...
" " C.E.	...	...	...	...	...	...	...	...	...	...
" " R.C.	...	...	...	...	...	...	...	...	...	...
St. Silas'	2	56.3	143.0	73.2	33.2	...	...	...	...	...
St. Stephen's	...	...	...	...	...	...	...	...	...	...
St. Thomas'	2	53.6	136.1	74.2	33.6	...	...	...	...	...
Wensley Fold	1	53.5	135.9	69.2	31.4	1	55.0	139.7	63.5	28.8
	53	54.8	139.2	75.4	34.2	20	53.5	135.9	69.9	31.7

TABLE XXX.—Half-Timers engaged in Industries other than Cotton.

AVERAGE HEIGHTS AND WEIGHTS AT 13 TO 14 YEARS OF AGE.

[illegible]

TABLE XXX.—Continued.—Half-Timers engaged in Industries other than Cotton.

AVERAGE HEIGHTS AND WEIGHTS AT 13 TO 14 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	..	...	...	...	...	1	60.5	153.6	88.5	40.1
St. Gabriel's	..	...	...	...	...	...	...	...	...	...
St. James's, Shear Brow	..	...	...	...	...	...	...	...	...	...
" Black-a-Moor	..	...	...	...	...	...	...	...	...	...
" Guide	..	...	...	...	...	...	...	...	...	...
St. John's	1	59.7	151.6	87.0	39.4	3	56.2	142.7	77.0	34.9
St. Joseph's	..	...	...	...	...	...	...	...	...	...
St. Luke's	..	...	...	...	...	...	...	...	...	...
St. Mary's	..	...	...	...	...	...	...	...	...	...
St. Matthew's	..	...	...	...	...	1	52.5	133.3	67.5	30.6
St. Michael's	..	...	...	...	...	1	55.0	139.7	72.7	33.0
St. Paul's	2	53.1	134.9	69.5	31.5	1	54.0	137.1	74.0	33.5
St. Peter's	..	...	...	...	...	..	...	...	...	...
C.E.	1	56.7	144.0	80.5	36.5	1	58.2	147.8	72.0	32.6
R.C.	..	...	...	...	...	..	...	...	...	...
St. Silas'	..	...	...	...	...	..	...	...	...	...
St. Stephen's	..	...	...	...	...	2	58.8	149.3	79.3	35.9
St. Thomas'	1	56.2	142.7	81.5	36.9	2	54.3	137.9	66.1	30.0
Wensley Fold	..	...	...	...	...	..	...	...	...	...
	19	55.7	141.4	76.9	34.9	21	56.6	143.7	78.6	35.6

TABLE XXXI.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	6	51.8	131.6	65.2	29.5	10	55.6	141.2	73.6	33.4
Andley Range	3	53.0	134.6	69.2	31.4	1	51.7	131.3	68.0	30.8
All Saints'	4	54.5	138.4	74.7	33.9	1	48.0	121.9	52.0	23.6
Bangor Street	13	54.6	138.7	72.6	32.9	6	53.4	135.6	71.0	32.2
Bank Top	4	51.9	131.8	66.6	30.2	5	53.6	136.2	71.8	32.6
Cedar Street	2	51.8	131.6	63.6	28.8	3	52.3	132.8	70.9	32.1
Christ Church	4	53.0	134.6	66.5	30.1	...	...	...	...	...
Emmanuel	2	56.5	143.5	89.8	40.7	6	55.5	141.0	81.3	36.8
Furthergate	3	52.4	133.1	69.0	31.3	5	51.3	130.3	60.8	27.5
Four Lanes End	3	55.1	139.9	72.1	32.7	3	56.0	142.2	73.1	33.1
Griffin	13	54.7	138.9	68.9	31.3	10	54.3	137.9	70.3	31.9
Holy Trinity	4	52.6	133.6	65.4	29.6	17	53.0	134.6	68.5	31.1
Lower Darwen C.	1	49.5	125.7	58.5	26.5	2	54.9	139.4	85.5	38.7
Maudsley Street	1	55.0	139.7	82.7	37.5	4	52.4	133.1	70.4	31.9
Moss Street	3	55.3	140.5	75.8	34.4	5	53.6	136.2	66.9	30.3
Mill Hill C.	2	53.6	136.2	71.3	32.3	6	54.0	137.1	71.7	32.5
Norfolk Street	1	53.5	135.9	70.5	32.0	1	57.0	144.8	83.2	37.7
Park Road	5	55.3	140.5	71.4	32.4	7	53.6	136.2	74.7	33.9
Sacred Heart	4	56.0	142.2	80.9	36.7	1	57.7	146.6	83.2	37.7
St. Alban's	6	53.5	135.9	70.2	31.8	14	52.0	132.1	63.6	28.8
St. Anne's	16	53.2	135.2	68.7	31.1	8	52.7	133.8	67.7	30.7
St. Andrew's	4	56.4	143.2	79.9	36.2	3	53.9	136.9	72.2	32.7
St. Barnabas'	7	54.8	139.2	69.9	31.7	2	58.5	148.6	86.5	39.2

TABLE XXXI.—Continued.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	...	...	...	...	...	4	53.8	136.6	72.5	32.9
St. Gabriel's	5	55.1	139.9	76.4	34.6	7	54.0	137.1	70.9	32.1
St. James's, Shear Brow	2	54.1	137.4	71.4	32.4	6	53.6	136.2	68.9	31.3
" Black-a-Moor	...	...	...	...	...	...	...	...	...	...
" Guide	1	55.2	140.2	70.5	32.0	2	56.0	142.2	74.6	33.8
St. John's	16	55.8	141.7	75.5	34.2	4	54.8	139.2	69.4	31.5
St. Joseph's	9	53.1	134.9	70.5	32.0	13	52.9	134.4	68.8	31.2
St. Luke's	2	51.8	131.6	65.3	29.6	2	53.5	135.9	64.8	29.4
St. Mary's	9	52.7	133.8	64.7	29.3	10	51.7	131.3	63.8	28.9
St. Matthew's	4	56.0	142.2	77.6	35.2	5	55.1	139.9	69.8	31.7
St. Michael's	7	54.3	137.9	78.0	35.4	5	51.9	131.8	62.5	28.3
St. Paul's	5	53.7	136.4	70.9	32.1	3	56.8	144.2	86.5	39.2
St. Peter's	8	54.4	138.2	69.9	31.7	5	54.2	137.7	72.2	32.7
" C.E.	1	52.2	132.6	67.0	30.4	...	...	...	...	...
" R.C.	7	56.5	143.5	77.2	35.0	7	55.8	141.7	73.2	33.2
St. Silas'	6	55.1	139.9	71.5	32.4	9	55.1	139.9	74.7	33.9
St. Stephen's	9	53.9	136.9	70.2	31.8	3	56.6	143.7	81.8	37.1
St. Thomas'	6	54.4	138.2	72.1	32.7	6	51.4	130.6	61.8	28.0
Wensley Fold										
	208	54.0	137.1	71.6	32.5	211	54.0	137.1	71.6	32.5

TABLE XXXII.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 13 TO 14 YEARS.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mm's
Accrington Road	1	54.7	138.9	70.0	31.7	1	55.2	140.2	80.0	36.3
Audley Range	1	53.0	134.6	61.7	28.0	...	...	...	...	...
All Saints'	...	...	...	...	...	1	56.2	142.8	70.0	31.7
Bangor Street	3	54.8	139.2	71.8	32.5	5	54.8	139.2	78.0	35.4
Bank Top	1	55.0	139.7	70.0	31.7	1	54.2	137.7	83.7	37.9
Cedar Street	3	56.7	144.0	78.6	35.6	1	52.2	132.5	67.5	30.6
Christ Church	1	36.5	143.5	79.0	35.8	...	...	...	...	...
Emmanuel	3	55.8	141.7	72.8	33.0	1	54.0	137.1	87.0	39.4
Furthegate	...	...	...	...	...	1	60.2	152.9	101.5	46.0
Four Lanes End	1	55.2	140.2	75.2	34.1	...	...	...	...	...
Griffin	...	...	...	...	...	...	...	...	...	...
Holy Trinity	5	55.3	140.5	74.7	33.9	1	54.7	138.9	66.0	29.9
Lower Darwen C.	...	...	...	...	...	...	...	...	...	...
Maudsley Street	...	...	...	...	...	2	57.6	146.3	92.6	42.0
Moss Street	3	54.3	137.9	78.1	35.4	3	55.1	139.9	74.6	33.8
Mill Hill C.	3	53.9	136.9	70.8	32.1	2	55.1	139.9	70.5	32.0
Norfolk Street	...	...	...	...	...	1	53.2	135.2	65.5	29.7
Park Road	3	56.4	143.2	77.7	35.2	2	56.2	142.8	78.8	35.7
Sacred Heart	...	...	...	...	...	...	...	...	...	...
St. Alban's	6	53.1	134.9	70.5	32.0	7	54.9	139.4	76.2	34.5
St. Anne's	3	56.6	143.7	83.5	37.8	3	53.9	136.9	71.3	32.3
St. Andrew's	...	...	...	...	...	5	57.5	146.0	86.0	39.0
St. Barnabas'	1	58.0	147.3	79.0	35.8	2	57.8	146.8	76.5	34.7

TABLE XXXII.—Continued.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 13 TO 14 YEARS.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- metres	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- metres
St. Bartholomew's	2	55.0	139.7	79.3	36.2	3	57.2	145.3	85.7	38.8
St. Gabriel's	1	50.2	127.5	58.2	26.4	...	...	...	...	...
St. James's, Shear Brow	2	53.7	136.4	70.5	32.0	2	58.6	143.8	78.7	35.7
„ „ Black-a-Moor	...	...	...	...	...	...	...	...	...	...
„ „ Guide	...	...	...	...	...	...	...	...	...	...
St. John's	2	57.6	146.3	77.3	35.0	7	57.0	144.8	81.4	36.9
St. Joseph's	2	54.2	137.7	74.3	33.7	4	54.7	138.9	77.6	35.2
St. Luke's	...	...	...	...	...	1	56.5	143.5	73.5	33.3
St. Mary's	3	55.2	140.2	78.8	35.7	...	...	...	...	...
St. Matthew's	1	53.5	135.9	64.2	29.1	2	57.1	145.1	79.1	35.9
St. Michael's	2	54.1	137.4	76.3	34.6	1	54.0	137.1	68.7	31.1
St. Paul's	4	53.2	135.2	71.6	32.5	2	55.7	141.5	78.1	35.4
St. Peter's C.E.	1	57.2	145.3	81.0	36.7	...	...	...	...	...
„ „ R.C.	...	...	...	...	...	...	...	...	...	...
St. Silas'	5	54.5	138.4	72.0	32.6	7	57.3	145.5	75.9	34.4
St. Stephen's	...	...	...	...	...	3	57.0	144.8	83.0	37.6
St. Thomas'	2	54.1	137.4	73.2	33.2	5	56.8	144.2	73.5	33.3
Wensley Fold	2	54.8	139.2	71.6	32.5	1	54.5	138.4	71.5	32.4
	67	54.8	139.2	73.6	33.4	77	55.8	141.7	77.7	35.2

TABLE XXXIII.

Conditions, Defects, etc., found in the 1733 Children leaving School.

SCHOOL	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose and Throat		Ext. Eye Disease		Ext. Ear Dis.	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Defective	Good	Defective	Good
Accrington Road	7	41	1	..	13	36	..	49	..	1	17	1	5	23	21	44	5	49	..	48	1
Audley Range	3	21	1	..	5	16	4	24	1	15	9	4	..	14	7	25	..	25	..	25	..
All Saints'	1	21	1	..	5	14	4	21	1	15	4	4	..	8	15	23	..	21	2	23	..
Bank Top	3	35	6	..	5	35	4	43	1	23	16	5	..	2	26	41	3	44	..	43	..
Bangor Street	11	40	2	..	19	31	3	53	..	36	13	4	5	32	16	52	1	51	2	52	1
Cedar Street	9	31	7	..	15	32	..	47	..	32	11	4	5	24	18	43	4	46	1	47	..
Christ Church	1	8	..	..	3	5	1	9	..	5	4	..	1	6	2	7	2	9	..	9	..
Emmanuel	2	26	5	..	3	29	1	30	2	12	16	5	2	11	20	29	4	32	1	33	..
Furthegate	4	38	5	..	2	41	4	46	1	20	22	5	5	16	26	47	..	47	..	46	..
Four Lanes End	4	4	..	..	2	9	1	11	1	..	5	..	..	4	8	12	..	11	1	12	..
Griffin	7	56	17	1	21	54	6	79	2	..	16	7	6	41	34	77	4	78	3	78	..
Holy Trinity	10	49	10	..	17	49	3	69	..	58	28	4	4	32	33	63	6	68	1	67	2
Lower Darwen C.	4	11	2	..	4	31	1	14	..	8	5	1	2	5	16	14	2	14	..	14	..
Maudsley Street	4	26	8	..	6	31	1	38	..	23	14	1	5	8	17	36	8	38	..	38	..
Moss Street	5	39	14	1	21	35	3	59	..	32	19	8	5	36	18	51	2	59	..	58	..
Mill Hill C.	10	43	9	..	14	46	2	61	1	36	19	7	6	18	38	60	2	62	..	62	..
Norfolk Street	2	15	1	..	7	10	1	18	..	8	8	2	..	12	14	18	..	18	..	18	..
Park Road	14	31	9	..	15	31	8	54	..	28	14	12	12	25	17	52	2	54	..	54	..
Sacred Heart	3	8	1	..	3	9	..	12	..	10	2	..	2	6	4	11	1	11	1	12	..
St. Alban's	11	77	16	1	19	73	13	105	..	46	43	16	10	47	48	100	5	103	2	102	3
St. Anne's	10	57	12	..	8	55	16	75	3	23	39	17	6	28	45	74	5	78	1	78	..
St. Andrew's	8	26	6	..	5	35	..	39	1	1	11	3	4	11	25	39	1	39	1	40	..
St. Barnabas'	3	19	2	..	6	16	2	24	..	10	12	2	1	8	15	23	1	24	..	24	..

Conditions, Defects, etc., found in the 1733 Children leaving School.

SCHOOL	Nutrition			Clothing			Footgear			Cleanliness		Teeth		Nose and Throat		Ext. Eye Disease		Ext. Ear Disease	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Defective	Good	Defective	Good	Defective
St. Bartholomew's ..	15	30	1	1	17	28	1	44	2	..	37	7	2	43	3	46	..	46	..
St. Gabriel's	3	23	..	..	10	16	..	24	1	..	17	8	1	25	1	26	..	26	..
St. James', Shear Br'w ..	1	15	2	1	7	10	1	17	2	..	14	4	..	16	2	18	..	18	..
„ Black-a-M'r ..	2	4	1	..	2	5	..	7	..	..	3	3	1	7	1	7	..	6	..
„ Guide	3	5	2	..	3	7	..	10	..	..	5	5	..	9	..	10	..	9	..
St. John's	11	40	5	..	22	32	2	54	2	..	47	9	..	53	3	56	..	56	..
St. Joseph's	7	57	8	..	8	62	2	69	2	1	30	34	8	66	6	71	..	71	..
St. Luke's	8	29	4	..	10	29	2	41	..	..	18	18	5	40	1	38	..	40	..
St. Mary's	10	38	9	..	13	41	3	55	2	..	30	13	14	54	3	54	..	57	..
St. Matthew's	11	28	7	..	11	34	1	46	..	..	28	18	..	44	2	45	..	46	..
St. Michael's	7	44	10	..	5	50	6	59	1	1	25	27	9	55	6	60	..	61	..
St. Paul's	2	21	5	1	4	21	4	26	2	1	10	15	4	27	2	29	..	29	..
St. Peter's C.E.	7	16	2	..	2	20	3	23	1	1	15	8	2	22	3	22	..	25	..
„ R.C.	2	34	3	..	2	33	4	39	..	..	16	18	5	37	2	38	..	39	..
St. Silas'	4	24	3	1	20	11	1	31	..	1	30	2	..	30	2	32	..	32	..
St. Stephen's	7	45	9	..	18	41	2	59	2	..	29	27	3	58	3	60	..	61	..
St. Thomas'	5	44	11	1	14	44	2	58	1	1	39	14	7	56	4	59	..	58	..
Wensley Fold	12	32	5	1	3	43	4	49	1	..	21	22	7	48	2	50	..	49	1
Total	250	1255	222	6	389	1228	116	1691	31	11	960	596	177	1631	102	1702	31	1712	21

TABLE XXXIV.
Conditions, etc., found amongst the 1733 Leavers.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition	14·4	72·4	12·8	0·3
Clothing	...	22·4	70·8	6·7
Footgear	...	97·5	1·8	0·6
Cleanliness	...	55·4	34·3	10·2
Teeth	...	8·5	45·0	46·4

	Good	Defective.
	Percentage	Percentage
Nose and Throat	94·1	5·8
External Eye Defects	98·2	1·7
External Ear Defects (Otorrhœa).....	98·7	1·2

Amongst the 1,733 leavers examined, the following defects were found:—

Per cent.

Slightly Enlarged Neck Glands, both sides.	19.1
Slightly Enlarged Neck Glands, one side...	15.4
Dirty and Sore Heads	7.0
All Eye Defects	4.8
Enlarged Tonsils	4.4
All Ear Defects	2.1
Anæmia	2.0
Skin	1.4
Circulatory Diseases	1.3
Speech Defects	1.2
Adenoids	1.0
Slightly Enlarged Neck Glands one side, and Greatly Enlarged other side	0.3
Tonsils and Adenoids	0.2
Ringworm	0.2
Developmental Defects	0.2
Greatly Enlarged Neck Glands, both sides.	0.2
Greatly Enlarged Neck Glands, one side...	0.1
Other conditions of Nose and Throat	0.1
Nervous Diseases	0.1
Backward Children	0.1
Respiratory Diseases	0.05
Rickets	0.05
Tubercular Diseases	0.05
Other Diseases	0.4

TABLE XXXV.
Half-Timers engaged in Cotton Industry.

	12 TO 13 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	53·7	73·0	53·9	74·9
Blackburn Schools	54·3	73·1	54·8	74·0
Result	0·6 above.	0·1 above.	0·9 above.	0·9 below.

	13 TO 14 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height. in inches.	Weight in pounds.	Height. in inches.	Weight in pounds.
Standard	55·8	79·0	56·5	84·9
Blackburn Schools	54·7	74·8	56·4	77·8
Result	1·1 below.	4·2 below.	0·1 below.	7·1 below.

Therefore

Males at 12—13 were 0·6 inches above the standard in height.

„ „ 0·1 pounds above „ „ weight.

„ 13—14 were 1·1 inches below „ „ height.

„ „ 4·2 pounds below „ „ weight.

and

Females at 12—13 were 0·9 inches above the standard in height.

„ „ 0·9 pounds below „ „ weight.

„ 13—14 were 0·1 inches below „ „ height.

„ „ 7·1 pounds below „ „ weight.

TABLE XXXVI.

Half-Timers other than Cotton.

	12 TO 13 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	53·7	73·0	53·9	74·9
Blackburn Schools	54·8	75·4	53·5	69·9
Result	1·1 above.	2·4 above.	0·4 below.	5·0 below.

	13 TO 14 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	55·8	79·0	56·5	84·9
Blackburn Schools	55·7	76·9	56·6	78·6
Result	0·1 below.	2·1 below.	0·1 above.	6·3 below.

Therefore

Males at 12—13 were 1.1 inches above the standard in height.

„ „ 2.4 pounds above „ „ weight.

„ 13—14 were 0.1 inches below „ „ height.

„ „ 2.1 pounds below „ „ weight.

and

Females at 12—13 were 0.4 inches below the standard in height.

„ „ 5.0 pounds below „ „ weight.

„ 13—14 were 0.1 inches above „ „ height.

„ „ 6.3 pounds below „ „ weight.

TABLE XXXVII.
Non-Half-Timers.

	12 TO 13 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	53·7	73·0	53·9	74·9
Blackburn Schools	54·0	71·6	54·0	71·6
Result	0·3 above.	1·4 below.	0·1 above.	3·3 below.

	13 TO 14 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	55·8	79·0	56·5	84·9
Blackburn Schools	54·8	73·6	55·8	77·7
Result	1·0 below.	5·4 below.	0·7 below.	7·2 below.

Therefore

Males at 12—13 were 0·3 inches above the standard in height.

„ „ 1·4 pounds below „ „ weight.

„ 13—14 were 1·0 inches below „ „ height.

„ „ 5·4 pounds below „ „ weight.

and

Females at 12—13 were 0·1 inches above the standard in height.

„ „ 3·3 pounds below „ „ weight.

„ 13—14 were 0·7 inches below „ „ height.

„ „ 7·2 pounds below „ „ weight.

D. HIGHER GRADE SCHOOL CHILDREN.

In this Group, 167 entrants, *i.e.*, for the first time, and 142 children for the second time, were examined, making a total of 309 Higher Grade School children examined during the year.

Tables XXXVIII. to XLV. show the various particulars relating to these children.

TABLE XXXVIII.—Higher Grade Schools.

Numbers and Age periods of the newly admitted Children examined.

SCHOOL.	5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		Total.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
St. Alban's Higher Grade	...	...	1	...	1	...	3	...	1	...	3	...	2	...	8	...	5	...	1	...	...	...	25	...
Parish Higher Grade	9	11	7	6	4	7	7	1	2	4	4	5	2	3	5	6	...	...	2	...	...	...	42	43
Higher Elementary.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	14	13	8	2	4	...	1	30	27
Totals.....	9	11	8	6	5	7	10	1	3	4	7	5	4	3	28	20	18	8	5	4	...	1	97	70
																								167

TABLE XXXIX.
Higher Grade Schools. Non-Half-Timers.

SCHOOL.	5 TO 6 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	...	42.6	108.2	42.5	19.3	...	41.9	106.4	39.2	17.8
Parish Higher Grade	9	...	...	...	...	11	...	...	...	...
Higher Elementary	...	...	...	...	...	...	...	...	...	...
Average for the Schools		42.6	108.2	42.5	19.3		41.9	106.4	39.2	17.8
6 TO 7 YEARS										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	1	43.5	110.5	42.7	19.3	...	45.4	115.3	46.2	20.9
Parish Higher Grade	7	46.3	117.6	48.1	21.8	6	...	...	...	...
Higher Elementary	...	...	...	...	...	...	...	...	...	...
Average for the Schools	...	44.9	114.0	45.4	20.6		45.4	115.3	46.2	20.9
7 TO 8 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	1	44.0	111.7	42.7	19.3	...	47.9	121.7	50.8	23.0
Parish Higher Grade	4	47.8	121.4	52.3	23.7	7	...	...	...	...
Higher Elementary	...	...	...	...	...	...	...	...	...	...
Average for the Schools		45.9	116.6	47.5	21.5	...	47.9	121.7	50.8	23.0

**TABLE XXXIX.--Continued.
Higher Grade Schools. Non-Half-Timers.**

SCHOOL.	8 TO 9 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	3	49.2	125.0	57.1	25.9	..	..	..	..	..
Parish Higher Grade	7	50.0	127.0	59.4	26.9	1	46.2	117.4	47.7	21.6
Higher Elementary	..	..	..	..	..	..	..	..	..	..
Average for the Schools		49.6	126.0	58.3	26.4	..	46.2	117.4	47.7	21.6
9 TO 10 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	1	47.2	119.9	48.2	21.8	..	..	..	..	..
Parish Higher Grade	2	52.2	132.6	70.3	31.9	4	50.5	128.2	56.9	25.8
Higher Elementary	..	..	..	..	..	..	..	..	..	..
Average for the Schools		49.7	126.2	59.3	26.9		50.5	128.2	56.9	25.8
10 TO 11 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	3	50.4	128.0	57.7	26.1	..	..	..	..	..
Parish Higher Grade	4	53.0	134.6	68.0	30.8	5	50.6	128.5	60.6	27.5
Higher Elementary	..	..	..	..	..	..	..	..	..	..
Average for the Schools		51.7	131.3	62.9	28.5		50.6	128.5	60.6	27.5

TABLE XXXIX.—Continued.
Higher Grade Schools. Non-Half-Timers.

SCHOOL.	11 TO 12 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	2	52.8	134.1	67.5	30.6	..	...	...	...	...
Parish Higher Grade	2	52.3	132.8	67.4	30.5	3	54.6	138.7	69.2	31.4
Higher Elementary	...	...	...	...	...	...	...	...	...	...
Average for the Schools		52.6	133.6	67.5	30.6		54.6	138.7	69.2	31.4
12 TO 13 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	8	55.1	139.9	73.8	33.4	...	...	...	...	...
St. Alban's Higher Grade	5	54.0	137.1	66.8	30.3	6	55.7	141.4	73.7	33.4
Parish Higher Grade	15	53.8	136.6	71.6	32.5	14	56.6	143.7	81.0	36.7
Higher Elementary										
Average for the Schools		54.3	137.9	70.7	32.1		56.2	142.7	77.4	35.1
13 TO 14 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	5	56.8	144.2	82.6	37.4	...	...	...	...	...
St. Alban's Higher Grade	...	...	...	...	...	...	...	...	...	...
Parish Higher Grade	13	56.9	144.5	80.5	36.5	8	58.6	148.8	87.6	39.7
Higher Elementary										
Average for the Schools		56.9	144.5	81.6	37.0		58.6	148.8	87.6	39.7

TABLE XXIX.—Continued.
Higher Grade Schools. Non-Half-Timers.

SCHOOL.	14 TO 15 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	1	58.0	147.3	101.7	46.1	...	...	...	...	...
Parish Higher Grade	2	59.8	151.9	88.1	39.9	...	...	...	...	...
Higher Elementary	2	57.1	145.0	84.8	38.4	4	58.0	147.3	85.0	38.5
Average for the Schools		58.3	148.1	91.5	41.5		58.0	147.3	85.0	38.5
SCHOOL.	15 TO 16 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	...	...	...	...	...	...	...	...	...	...
Parish Higher Grade	...	...	...	...	...	1	63.0	160.0	102.7	46.6
Higher Elementary	...	...	...	...	...	...	63.0	160.0	102.7	46.6
Average for the Schools	...	...	...	...	...	...	63.0	160.0	102.7	46.6

TABLE XL.—Higher Grade Schools.
Conditions, Defects, etc., found in the 167 Children Examined. (1st. Exam.)

SCHOOL.	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose & Throat		Ext. Eye Dis.		Ext. Ear Dis.	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Medium	Bad	Good	Defective	Good	Defective	Good	Defective
St. Alban's Higher Grade...	2	19	4	...	16	9	...	23	2	...	23	2	...	4	10	11	2	25	...	24	1
Parish Higher Grade	14	64	7	...	70	15	...	85	...	...	74	11	...	5	28	52	8	84	1	84	1
Higher Elementary	12	42	3	...	50	7	...	57	...	...	55	2	...	4	28	25	5	55	2	57	...
Totals.....	28	125	14	...	136	31	...	165	2	...	152	15	...	13	66	88	15	164	3	165	2

TABLE XLI.—HIGHER GRADE SCHOOLS.

Conditions, etc., found amongst the 167 Children examined.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition.....	16·7	74·8	8·4	...
Clothing	...	81·4	18·5	...
Footgear	...	98·8	1·1	...
Cleanliness	...	91·0	8·9	...
Teeth	...	7·7	39·5	52·7

	Good.	Defective.
	Percentage	Percentage
Nose and Throat	91·0	8·9
External Eye Defects...	98·2	1·7
External Ear Defects (Otorrhœa)	98·8	1·1

Amongst the 167 children examined for the first time at the Higher Grade Schools, the following defects were found:—

Per cent.

Slightly Enlarged Neck Glands, both sides.	16.7
Slightly Enlarged Neck Glands, one side...	11.4
Enlarged Tonsils	7.2
All Eye Defects	4.2
All Ear Defects	1.8
Adenoids	1.8
Greatly Enlarged Neck Glands, both sides.	1.2
Greatly Enlarged Neck Glands, one side...	1.2
Anæmia	1.2
Skin	1.2
Circulatory Diseases	1.2
Respiratory Diseases	0.6
Ringworm	0.6
Slightly Enlarged Neck Glands one side, and Greatly Enlarged other side ...	0.6

TABLE XLII.—Higher Grade Schools.

Numbers and Age-periods of the Children examined for the Second time.

SCHOOLS.	7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		Total.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total.	Total.
St. Alban's Higher Grade.....	...	...	1	...	...	..	2	...	4	...	1	...	...	...	...	...	8	8
Parish Higher Grade.....	15	16	..	...	16	11	11	7	7	6	6	9	...	...	...	...	55	104
Higher Elementary	...	...	...	...	...	...	...	...	..	...	13	6	4	5	2	17	13	30
Totals.....	15	16	1	...	16	11	13	7	11	6	20	15	4	5	2	80	62	142

**TABLE XLIII.—Continued.
Higher Grade Schools. Children examined for the Second Time.**

SCHOOL.	10 TO 11 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	2	54.3	137.9	76.1	34.5	...	...	...	...	...
Parish Higher Grade	11	51.5	130.8	64.4	29.2	7	51.0	129.5	61.3	27.8
Higher Elementary	...	...	...	...	...	...	...	...	...	...
Average for the Schools		52.9	134.4	70.3	31.9		51.0	129.5	61.3	27.8
11 TO 12 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	4	54.0	137.1	69.2	31.4	...	54.3	137.9	73.0	33.1
St. Alban's Higher Grade	7	51.9	131.8	66.6	30.2	6	...	...	...	...
Parish Higher Grade	...	...	...	...	...	...	...	...	...	...
Higher Elementary		52.9	134.4	67.9	30.8		54.3	137.9	73.0	33.1
Average for the Schools										
12 TO 13 YEARS.										
SCHOOL.	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
	1	53.2	135.2	74.7	33.9	9	55.8	141.7	76.8	34.8
St. Alban's Higher Grade	6	54.5	138.4	73.9	33.5	6	55.5	141.0	72.7	33.0
Parish Higher Grade	13	54.2	137.7	71.1	32.2					
Higher Elementary		53.9	136.9	73.2	33.2		55.7	141.4	74.8	33.9
Average for the Schools										

TABLE XLIII.—Continued.

Higher Grade Schools. Children examined for the Second Time.

SCHOOL.	13 TO 14 YEARS.					
	MALES.			FEMALES.		
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined
St. Alban's Higher Grade	...	...	...	...	...	...
Parish Higher Grade	...	58.1	147.6	...	...	...
Higher Elementary	4			84.7	38.4	5
Average for the Schools		58.1	147.6	84.7	38.4	
14 TO 15 YEARS.						
SCHOOL.	MALES.			FEMALES.		
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined
	...	...	...	...	...	...
St. Alban's Higher Grade	...	...	...	...	...	...
Parish Higher Grade	...	...	...	...	...	2
Higher Elementary	...	...	...	...	...	
Average for the Schools		...	...	...	...	

TABLE XLIV.—Higher Grade Schools.

Conditions, Defects, etc., found in the 142 Children examined for the Second time.

SCHOOL	Nutrition.			Clothing.			Footgear.			Cleanliness.			Teeth			Nose & Thr't.		Ext. Eye Dis.		Ext. Ear Dis.	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Defective	Good	Defective	Good	Defective
St. Alban's Higher Grade ...	2	5	1	.	3	4	1	6	1	1	6	2	...	...	4	4	6	2	8	8	.
Parish Higher Grade	8	78	18	...	65	39	...	104	...	...	91	12	1	1	27	76	97	7	102	101	3
Higher Elementary	8	21	1	...	26	4	...	30	...	...	30	...	...	2	18	10	30	...	30	30	...
Totals.....	18	104	20	...	94	47	1	140	1	1	127	14	1	3	49	90	133	9	140	139	3

TABLE XLV.—HIGHER GRADE SCHOOLS.

Conditions, etc., found amongst the 142 Children examined
for the second time.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition.....	12·6	73·2	14·1	...
Clothing	...	66·2	33·1	0·7
Footgear	...	98·5	0·7	0·7
Cleanliness	...	89·4	9·8	0·7
Teeth	...	2·1	34·5	63·3

	Good.	Defective.
	Percentage	Percentage
Nose and Throat.....	93·6	6·3
External Eye Defects.....	98·5	1·4
External Ear Defects (Otorrhœa).....	97·8	2·1

Amongst the 142 children examined for the second time
at the Higher Grade Schools, the following defects were
found :—

Per cent.

Slightly Enlarged Neck Glands, both sides.	21.8
Slightly Enlarged Neck Glands, one side...	19.0
All Eye Defects	7.0
Enlarged Tonsils	5.6
Circulatory Diseases	3.5
Speech Defects	2.1
All Ear Defects	2.1
Anæmia	1.3
Tubercular Diseases	0.7
Skin	0.7
Dirty and Sore Heads	0.7
Adenoids	0.7

E. EXAMINATION OF 547 SCHOOL CHILDREN REFERRED BY THE SCHOOL ATTENDANCE OFFICERS.

In addition to the above work, I have made a personal examination of 547 school children referred to me by the School Attendance Officers, as to their fitness or otherwise for School, and I have duly written certificates for the same.

Tables are appended showing an analysis of these cases as to numbers and age-periods.

Also the results of these examinations have been classified into the following systems:—

- 1.—Diseases of the Skin.
- 2.—Nervous Diseases.
- 3.—Diseases of the Circulatory System.
- 4.—Diseases of the Respiratory System.
- 5.—Tubercular Diseases.
- 6.—Infectious Diseases.
- 7.—Diseases of the Eye.
- 8.—Diseases of the Ear.
- 9.—Diseases of the Urinary System.
- 10.—Other Diseases or Conditions.

A statement has also been given showing the number of children, referred by the School Attendance Officers, whom I have examined on more than one occasion since October, 1903.

It should be clearly understood that these 547 children were not examined in the systematic examination conducted at the Schools, but that they were specially selected by the School Attendance Officers from the absentees.

The percentage of cases of the various diseases calculated upon these 547 children, is, therefore, in no way representative of Blackburn school children considered as a whole.

TABLE XLVI.

School Attendance Cases.—Analysis of cases examined by Medical Officer from January 1st to December 31st, 1912.

No. of District.	1	2	3	4	5	6	7	8	9	Total
No. of Names entered in Book	64	82	86	49	109	47	73	66	56	632
Children Examined at the Health Office, and Certificates Granted	52	66	70	45	98	44	62	61	49	547
Children visited and examined at their own homes, and certificates granted	...	...	...	...	...	...	...	...	...	...
No. of Children certified as fit to attend School...	11	13	8	9	14	2	18	15	17	107
No. of Children certified as unfit to attend School	29	38	42	26	56	26	25	24	21	287
No. of Children certified as fit to attend School half the day	7	4	13	2	13	3	6	3	6	57
No. of Children to stay away from School for two weeks	1	1	3	1	2	2	3	2	2	17
No. of Children to stay away from School for four weeks	3	1	4	2	7	2	3	7	1	30
No. of Children with defective vision fit for Blind School	...	...	...	...	2	...	1	2	...	5
No. of Children with defective vision unfit for Blind School	...	...	...	...	1	1	2	...	...	4
No. of Children examined and certified as fit for Deaf and Dumb School..	...	...	...	...	...	...	...	4	...	4
No. of Children examined and certified as unfit for Deaf and Dumb School..	...	...	...	...	...	...	3	...	...	3
No. of Children certified as fit for Regent Street Special School	...	4	...	2	1	4	...	2	...	13

TABLE XLVI.—Continued.

No. of Children certified as unfit for Regent Street Special School ...	1	5	...	2	1	4	1	1	1	16
No. of Children certified as fit to leave Regent-street Special School ...	...	...	...	...	...	...	...	1	...	1
No. of Children certified as fit for an Industrial School	...	...	...	...	1	...	...	...	1	2
No. of Children certified as unfit for an Industrial School	...	...	...	...	...	...	...	...	...	...
No. of Children certified as fit for Training Ship	...	...	...	...	...	...	...	...	...	...
No. of Children sent to School on receipt of Medical Officer's notice, without being presented for examination	...	2	3	...	7	...	...	...	1	13
Certificates received from medical men after receipt of Medical Officer's notice	...	1	...	...	...	...	...	...	...	1
No. of Children certified as unfit for Street Trading	...	...	...	1	...	...	...	...	...	1

TABLE XLVII.

Age-Periods of the 547 Children who had been referred for Medical Examination by the School Attendance Officers.

Age Periods.	Males.	Females.	Total.
3- 4	1	1	2
4- 5	1	...	1
5- 6	29	33	62
6- 7	37	34	71
7- 8	27	34	61
8- 9	22	28	50
9-10	21	24	45
10-11	24	27	51
11-12	23	20	43
12-13	21	46	67
13-14	9	39	48
14-15	1	4	5
15-16	...	1	1
Not Specified	17	23	40
TOTAL	233	314	547

I.—DISEASES OF THE SKIN.

Tinea	47
Eczema	15
Dirty Head	8
Alopecia Areata	2
Impetigo	1
Psoriasis	1
Sores	1
	—
	75

II.—NERVOUS DISEASES.

Epilepsy	18
Mental Deficiency and Backwardness	27
Chorea	16
Neurosis	8
Infantile Paralysis	7
Cephalalgia	3
Fits	2
Microcephalic	1
Doubtful Cerebral Tumour	1
Hemi-chorea	1
Old Anterior Polio-myelitis	1
Petit Mal	1
Doubtful Moral Imbecile	1
	—
	87

III.—CIRCULATORY SYSTEM.

Heart Disease	49
---------------------	----

IV.—RESPIRATORY SYSTEM.

Bronchitis	46
Asthma	1
Convalescent Pneumonia	1
Catarrh	1
Asthma and Chronic Bronchitis	1
	—
	50

V.—TUBERCULAR DISEASES.

Doubtful Phthisis	19
Tubercular Adenitis	10
Tuberculosis	5
Tubercular Hip	5
Tubercular Knee	4
Tubercular Caries	2
Doubtful Tubercular Enteritis	2
Tubercular Keratitis	1
Tubercular Spine	1
Tubercular Abscess	1
Lupus	1
	51

VI.—INFECTIOUS DISEASES.

Chickenpox	1
Whooping Cough	1
	2

VII.—DISEASES OF THE EYE.

Corneal Ulcers	9
Myopia	6
Keratitis	6
Squint	4
Ophthalmia	4
Double Opacity of Lens	2
Defective Vision	2
Blind Eye	1
Conjunctivitis	1
Blepharitis	1
Nystagmus	1
Abscess on Eyelid	1
Blindness	1
	39

VIII.—DISEASES OF THE EAR.

Otorrhœa	8
Deafness	3
Congenital Deafness	2
Tympanitis	1
	—
	14

IX.—DISEASES OF THE URINARY SYSTEM.

Nephritis	11
Vesical Calculus	3
Phimosis	2
Albuminuria	1
	—
	17

X.—OTHER DISEASES AND CONDITIONS.

Anæmia	46
Rickets	12
Debility	11
Enlarged Tonsils	8
Adenoids	5
Malnutrition	5
Rhinorrhœa	3
Inguinal Hernia	2
Nasal Polypus	2
Vermes	2
Tonsillitis	2
Dyspepsia	2
Neglected	2
Albinism	1
Gastric Catarrh	1
Rheumatism	1
Purpura	1
Adenitis	1
Malaise	1
Febricula	1
Ankylosis of Elbow	1
Talipes Varus	1

Emaciation	1
Anorexia	1
Aphonia	1
Deficient Thyroid	1
Prolapsus Ani	1
	—
	116

47 children were not suffering from any disease, and of course were certified as fit to attend School.

The following is a list of the referred cases examined medically on more than one occasion since October, 1903:—

Mitral Disease	23
Bronchitis	17
Anæmia	15
Epilepsy	10
Doubtful Phthisis	9
Tinea	8
Eczema	7
Rickets	6
Tubercular Adenitis	5
Corneal Ulcer	5
Nephritis	5
Keratitis	4
Backward	4
Mental Deficiency	4
Otorrhœa	4
Tonsils	3
Chorea	3
Deafness	3
Malnutrition	3
Squint	2
Rhinorrhœa	2
Tubercular Knee	2
Debility	2
Tubercular Hip	2
Adenoids	2
Myopia	2
Nasal Polypus	1

Vesical Calculus	1
Doubtful Moral Imbecile	1
Tubercular Spine	1
Tubercular Abscess	1
Abscess on Eyelid	1
Ophthalmia	1
Prolapsus Ani	1
Neurosis	1
Cephalalgia	1
Dirty Head	1
Albinism	1
Nasal Obstruction	1
Albuminuria	1
Anorexia	1
Infantile Paralysis	1
Conjunctivitis	1
Double Opacity	1
Talipes Varus	1
Ankylosis Elbow	1
Defective Vision	1
Not stated	12

F. EXAMINATION OF SCHOLARSHIP HOLDERS.

During the year 1912, I examined 36 individuals, 5 males and 31 females, who had gained Scholarships during the year, as follows:—

Bursary Scholarships	12
Teaching Scholarships	11
Governors' Scholarships to the Girls' High School	9
Leyland Scholarship	1
Daniel Thwaites' Scholarship	1
Peel Foundation Scholarship	1
Henry Harrison Scholarship	1

I found that the above were all in good health and able to undertake the work in connection with the above-named Scholarships.

Where necessary, I gave advice respecting the removal of carious teeth, and respecting correct breathing, exercise, etc.

FURTHER OBSERVATIONS ON THE MEDICAL INSPECTION OF BLACKBURN SCHOOL CHILDREN.

It is not possible to refer as fully as one would wish in this Report to all the points which arise as a result of School Medical Inspection, but the following have been selected for special mention.

MALNUTRITION.

It is necessary to draw attention once more to the prevalence of defective nutrition amongst school children. It is the most urgent of the problems confronting Education Authorities, for this reason: Defective nutrition, to a far greater extent than any other single cause, and probably more than all other causes combined, renders children incapable of receiving the full benefit of education. In a growing child the demands of muscle and bone must be satisfied as well as those of nervous tissue, and, consequently, when there is a deficiency, or an unsuitability of food, or inability to assimilate the food, the nervous system is the first to suffer. As a result, the brain is starved and anæmic, and the extra strain involved in school work can have only a harmful, and in some cases a disastrous result.

A glance at the accompanying Table will show the extent of this evil. The children inspected during the year have again been placed in four classes with respect to their state of nutrition, and the definition of those four classes, given in last year's Report, may conveniently be repeated here.

Class I. included those children with whose nutrition no fault can be found. Their muscles are firm, skin healthy in tone and colour, hair not dry, mucuous membranes red, and they have not too much fat; lastly, they are not under-sized, and are not noticeably below the weight normal to their height.

Class II. is made up of all those children who show no marked signs of malnutrition, and yet are not up to the standard of Class I. A child in this Class may be under-sized, or may weigh considerably less than normal for his height, provided that he seems in other respects well nourished; or he

may be slightly pale and overgrown, and yet not so definitely below the normal as to fall into Class III.

In Class III. are included children who are definitely anæmic, or slightly anæmic, and at the same time under-sized or thin, or, without being anæmic, are under-sized, and also show such signs of malnutrition as dry skin, dry and brittle hair, lack of mental alertness, etc.; and, lastly, fat and flabby children.

Class IV. comprises children showing all the signs of malnutrition, including a marked degree of anæmia and lack of flesh.

There is a slight improvement in Nutrition compared with the year 1911, but things are yet far from being satisfactory.

NUTRITION.

	Number Examined.	I.	II.	III.	IV.
New Admissions	3072	14·8	78·3	6·6	0·2
Second Examinations...	2361	8·9	78·7	12·2	0·1
Leavers	1733	14·4	72·4	12·8	0·3
Higher Grade Schools...	309	14·8	74·1	11·0	0·0
Total	7475	12·8	76·9	10·1	0·1

TEETH.

Decay of the teeth is a very potent form of defective nutrition, and the really terrible extent to which defective teeth are present may be seen from the following Table.

The classification is:—

Good—*No* decayed teeth.

Medium—*Fewer* than *four* decayed teeth.

Bad—*Four* or *more* decayed teeth.

I must again draw your attention to the fact that the number of children with good teeth is very small. It is quite an exception to find a child with good teeth during examination in the Schools.

It is also surprising to find so small a number of children clean their teeth, and it is very rarely that any steps have been taken to have decayed teeth attended to.

In cases of very bad teeth reported to the parents, one is frequently met with the remark that the child has not complained of toothache, and that no steps would be taken until the complaint of pain was made.

Of the 7,475 children examined during 1912, only 11.6 per cent. were classed as good, whilst 57.2 per cent. were classed as bad.

This is a state of affairs which should be remedied, and which should receive the earnest attention of the Education Committee. The formation of a Dental Clinic should receive careful consideration.

The majority of cases of good teeth are found amongst the newly admitted children between 3 and 5 years of age, and from the following Table it will be seen that 19.5 per cent. in this Group were classed as good. This is more than double that of any of the other Group of children examined during the year.

It is to be hoped that parents will pay more attention to this matter in the future.

The saying that "an army marches on its teeth" is as true to-day as ever it was.

TEETH.

	Number Examined.	Good.	Medium.	Bad.
New Admissions	3072	19.5	27.9	52.5
Second Examinations	2361	4.6	24.2	71.1
Leavers	1733	8.5	45.0	46.4
Higher Grade Schools	309	5.2	37.2	57.5
Total	7475	11.6	31.1	57.2

GLANDULAR ENLARGEMENT.

The following Table shows the extreme prevalence of enlargement of the submaxillary and cervical glands amongst school children.

The submaxillary glands are affected more frequently than the cervical glands. This points to dental caries as being the commonest cause of such enlargement. A distinction has been drawn between moderate and great enlargement. Glands as large as a stone of a Victoria plum are marked as much enlarged. All other glands which can be felt without difficulty are marked as moderately enlarged.

It will be seen from the following Table that moderately enlarged glands on both sides were present in 22.8 per cent. of the children examined, and on one side in 17.8 per cent., whilst greatly enlarged glands were present on one side in 0.5 per cent., and on both sides in 0.9 per cent., of the children. Moderately enlarged glands on one side and greatly enlarged glands on the other side affected 1.2 per cent. of the children examined.

ENLARGED GLANDS.

	No. Ex- amined.	Moderately Enlarged.		Moderately Enlarged one side and Greatly Enlarged the other.	Greatly Enlarged	
		One Side	Both Sides		One Side	Both Sides
New Admissions	3072	18·2	23·2	1·6	0·5	1·3
Second Examinations...	2361	19·4	25·6	1·5	0·8	1·0
Leavers	1733	15·4	19·1	0·3	0·1	0·2
Higher Grade Schools	309	14·9	19·1	0·3	0·6	0·6
TOTAL.....	7475	17·8	22·8	1·2	0·5	0·9

BANGOR STREET OPEN-AIR SCHOOL.

The open-air class in the playground of Bangor Street Council School commenced on May 14th, 1912, and was closed on October 4th, 1912.

26 delicate children were admitted, most of whom suffered from anæmia, nervous complaints and general weakness (those with tuberculous disease being excluded). The objects aimed at were to improve the physical well-being of the children, to make them happy and contented, to instruct them in health culture, and at the same time to continue their scholastic studies. All the children were taught to breathe correctly through the nose. A great deal of time was spent on physical culture in the form of graded exercises, organised games, dancing, and gardening. Two hours daily were occupied in resting in the deck chairs provided. History was taught in games, and all study was made as pleasant and healthful as possible. The children were encouraged to become keenly interested in all out-of-door pursuits, and nature study was an important feature in the work of the class. A marked improvement was noticeable in the breathing of the children: most of those who were "mouth breathers" when they entered the School in May were breathing naturally through the nose on leaving in October. The children increased steadily in weight, particularly in the latter part of the time. They were

weighed each week, and an account of their weight was kept regularly. The noticeable improvement in their physical condition was evidenced in their keenness at games, their increased staying power in organised exercises and dances, and in their happy and healthy appearance, combined with a general alertness. The children learnt to appreciate the value and importance of fresh air. Most of the children were able to attend School regularly during the succeeding winter months.

The weather was very unfavourable during the whole of the session, being cold and wet; yet only once was the class compelled to be indoors, and then only for one hour.

This is a most successful experiment in Blackburn, which should not only be continued, but which should be extended to every possible part of the Borough.

DEFECTIVE VISION.

During the year 1912, the vision of 1,540 children was tested by the Teachers, who used Snellen's Test Types. All these children were between 12 and 14 years of age, and about to leave School. Of those whose visual acuity was found to be $\frac{6}{18}$ or worse, as many as possible were subjected to a medical re-examination. The results are set forth in the accompanying Tables.

All those with spectacles were tested whilst wearing the same.

28 boys and 42 girls were found to be wearing spectacles. The vision of 24 of these boys, or 34.3 per cent., and 27 of the girls, or 38.6 per cent., was still $\frac{6}{18}$ or worse in one or both eyes, in spite of the fact that they were wearing spectacles. In some cases the vision was actually worse with the spectacles on than without them. It is safe to say that the majority of these 70 children were wearing unsuitable spectacles.

I would again emphasise the fact that it would prevent much disappointment and waste of money, if opticians would

refer for skilled examination by an eye specialist all cases in which they find themselves unable by such doubtful correction to adjust the vision satisfactorily.

The number of children whose vision in one or both eyes was $\frac{6}{18}$ or worse was 348, or 22.6 per cent. Of these, 170 were boys, and 178 were girls. Of the boys, 91 were defective in one eye, and 79 in both eyes. Of the girls, 82 were defective in one eye, and 96 in both eyes.

TABLE XLVIII.

**Analysis of results of the Testing of the Vision of
1540 School Children.**

	Right Eye.		Left Eye.	
	Boys.	Girls.	Boys.	Girls.
	Per cent.	Per cent.	Per cent.	Per cent.
Normal	73.7	68.7	71.7	65.8
$\frac{6}{12}$	10.7	14.5	12.1	14.9
$\frac{6}{18}$	7.0	7.0	6.6	7.2
$\frac{6}{24}$	4.3	4.8	4.9	6.0
$\frac{6}{36}$	3.0	3.7	3.1	3.8
$\frac{6}{60}$ or worse	1.0	1.1	1.8	2.1

TABLE XLIX.—VISION.—BOYS.

SCHOOL	No. exam- ined	Normal.		$\frac{6}{12}$		$\frac{6}{15}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{60}$ or worse.	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Accrington Road	19	78.9	89.4	15.8	5.2	7.1	7.1	...	...	5.2	5.2	...	...
Audley Range	14	85.7	64.2	7.1	7.1	...	...	...	...	7.1	7.1	...	7.1
All Saints'	13	69.2	84.6	23.0	7.6	...	...	...	...	7.6	...	...	...
Bangor Street	17	78.9	57.8	...	10.5	10.5	5.2	10.5	...	...	21.0	...	5.2
Bank Top	17	83.2	76.4	...	11.7	11.7	11.7	...	...	...	...	...	...
Cedar Street	20	95.0	90.0	5.0	5.0	...	5.0	...	...	...	...	...	...
Christ Church	31	70.9	77.4	19.3	6.4	3.2	9.6	3.2	3.2	3.2	3.2	...	...
Emmanuel	19	89.4	73.6	5.2	5.2	5.2	10.5	5.2	5.2	...	5.2	...	...
Furthergate	19	63.1	47.3	26.3	47.3	...	5.2	10.5	...	...	...	...	...
Four Lanes End	5	60.0	60.0	40.0	...	...	20.0	3.2	3.2	...	20.0	...	3.2
Griffin	31	77.4	83.8	6.4	3.2	9.6	3.2	3.2	3.2	...	3.2	...	...
Holy Trinity	19	84.2	78.9	5.2	15.8	10.5	...	...	...	...	5.2	...	...
Lower Darwen C.	5	80.0	80.0	...	...	20.0	20.0	...	...	...	...	...	...
Maudsley Street	20	55.0	50.0	25.0	5.0	15.0	20.0	...	...	5.0	15.0	...	...
Moss Street	20	65.0	75.0	20.0	10.0	...	...	5.0	10.0	...	5.0	10.0	10.0
Mill Hill C.	20	65.0	80.0	5.0	...	5.0	15.0	...	...	15.0	...	10.0	...
Norfolk Street	5	80.0	80.0	...	20.0	20.0	...	...	...	...	...	...	...
Park Road	26	80.7	76.9	7.6	15.3	11.5	3.8	...	...	...	...	...	3.8
Sacred Heart	3	100.0	66.6	...	33.3	...	...	...	...	...	...	...	...
St. Alban's	31	74.2	77.4	9.6	6.4	6.4	3.2	3.2	6.4	6.4	6.4	...	...
" H.G.	9	100.0	100.0	...	...	...	...	...	...	...	...	...	...
St. Anne's	35	68.5	54.2	8.5	20.0	5.7	11.4	8.5	11.4	8.5	...	...	2.8
St. Andrew's	14	78.5	64.2	7.1	14.2	14.2	14.2	...	7.1	...	...	...	...
St. Barnabas'	11	54.5	36.3	9.0	27.2	9.0	27.2	9.0	...	18.1	...	...	9.0

TABLE XLIX.—VISION.—BOYS.—Continued.

SCHOOL	No. exam-ined	Normal.		6 12		6 18		6 24		6 36		6 60 or worse	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
St. Bartholomew's	12	91·6	91·6	...	...	...	...	8·3	8·3	...	...	...	...
St. Gabriel's	18	94·4	88·8	...	5·5	...	5·5	5·5	...	...	...	...	...
St. James's, Shear Brow	6	66·6	66·6	16·6	16·6	16·6	16·6	...	...	...	...	...	...
" " Black-a-Moor	5	60·0	80·0	...	...	20·0	...	20·0	20·0	...	...	...	...
" " Guide	6	100·0	100·0	...	...	...	...	...	...	...	...	...	...
St. John's	24	87·5	91·6	...	4·1	8·3	4·1	4·1	...	...	...	...	...
St. Joseph's	26	69·2	73·0	3·8	3·8	11·5	7·6	11·5	15·3	3·8	...	...	...
St. Luke's	13	38·4	38·4	30·7	23·0	23·0	23·0	7·6	7·6	...	7·6	...	...
St. Mary's	24	54·1	58·3	37·5	25·0	...	4·1	4·1	4·1	...	...	...	...
St. Matthew's	20	80·0	85·0	5·0	5·0	...	...	10·0	10·0	5·0	...	4·1	8·3
St. Michael's	19	78·9	89·4	...	10·5	15·8	...	...	...	5·2	...	...	...
St. Paul's	26	53·8	46·1	11·5	26·9	19·2	3·8	7·6	23·0	7·6	...	...	...
St. Peter's C.F.	12	58·3	41·6	16·6	16·6	8·3	25·0	8·3	8·3	...	8·3	...	...
" " R.C.	7	85·7	85·7	14·2	14·2	...	...	3·5	3·5	...	...	3·5	...
St. Silas'	28	78·5	78·5	10·7	14·2	...	...	...	3·5	3·5	3·5	...	...
St. Stephen's	17	64·7	64·7	5·8	11·7	17·5	5·8	11·7	5·8	...	5·8	...	5·8
St. Thomas'	28	71·4	71·4	14·2	21·4	7·1	7·1	7·1	...	...	...	...	...
Wensley Fold	19	63·1	52·6	21·0	21·0	...	5·2	5·2	10·5	10·5	10·5	...	...

TABLE L.—VISION.—GIRLS.

SCHOOL	No. examined	Normal.		$\frac{6}{12}$		$\frac{6}{18}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{60}$ or worse	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Accrington Road	25	80-0	84-0	8-0	4-0	4-0	8-0	8-0	25-0	37-5	4-0	...	...
Audley Range	8	62-5	50-0	12-5	12-5	...	...	...	25-0	16-6	...	...	...
All Saints'	6	66-6	50-0	16-6	33-3	16-6	...	...	...	...	...	5-2	...
Bangor Street	19	78-9	63-1	10-5	26-3	5-2	5-2	5-2	...	5-2	...	...	...
Bank Top	24	70-8	79-1	8-3	4-1	...	4-1	...	4-1	...	12-5	...	...
Cedar Street	19	84-2	84-2	5-2	15-8	5-2	5-2	5-2	5-2	...	...	...	...
Christ Church	19	73-6	78-9	15-8	5-2	5-2	15-8	...	4-1	4-1	...	...	...
Emmanuel	24	83-3	83-3	8-3	4-1	4-1	4-1	...	5-5	5-5	4-1	...	...
Furthegate	18	38-8	50-0	16-6	11-1	22-2	16-6	...	5-5	16-6	5-5	...	11-1
Four Lanes End	4	75-0	25-0	25-0	25-0	...	25-0	...	...	...	...	...	...
Griffin	31	74-2	70-9	9-6	16-1	6-4	8-1	...	6-4	25-0	3-2	...	...
Holy Trinity	37	72-9	48-6	10-8	24-3	8-1	8-1	...	5-4	16-2	2-7	...	...
Lower Darwen C.	8	87-5	87-5	12-5	12-5	...	...	...	...	...	...	...	...
Maudsley Street	15	73-3	26-6	13-3	26-6	...	33-3	...	6-6	6-6	6-6	...	...
Moss Street	23	86-8	82-6	13-0	8-6	...	4-3	...	4-3	4-3	...	...	...
Mill Hill C.	24	41-6	54-1	37-5	29-1	8-3	4-1	...	4-1	...	8-3	...	4-1
Norfolk Street	9	66-6	66-6	...	...	33-3	22-2	...	...	...	...	...	11-1
Park Road	21	71-4	76-1	14-2	19-0	9-5	4-7	...	...	4-7	...	...	...
Sacred Heart	7	42-6	28-5	14-2	28-5	...	...	...	28-5	14-2	28-5	...	14-2
St. Alban's	31	54-8	64-5	29-0	12-9	3-2	6-4	...	6-4	12-8	3-2	...	...
St. Anne's	30	50-0	50-0	16-6	23-3	6-6	6-6	...	16-6	3-3	10-0	3-3	6-6
St. Andrew's	24	66-6	79-1	20-8	4-1	4-1	8-3	...	4-1	4-1	4-1	...	...
St. Barnabas'	19	78-9	78-9	5-2	10-5	10-5	...	...	5-2	5-2	...	...	5-2

TABLE L.—VISION.—GIRLS.—Continued.

SCHOOL	No. exam- ined	Normal.		$\frac{6}{12}$		$\frac{6}{18}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{60}$ or worse	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
St. Bartholomew's	21	85.7	95.2	9.5	...	4.7	4.7	...	...	...	...	...	...
St. Gabriel's	10	90.0	90.0	...	10.0	...	...	10.0	...	...	...	...	...
St. James's, Shear Brow	8	100.0	100.0	...	...	...	...	...	...	...	...	...	...
St. James's, Black-a-Moor	7	57.1	28.5	14.2	42.8	14.2	...	14.2	...	...	...	...	...
" " Guide	4	50.0	50.0	25.0	25.0	...	...	25.0	...	...	...	...	...
St. John's	37	59.4	59.4	2.7	5.4	13.5	13.5	5.4	...	13.5	8.1	5.4	5.4
St. Joseph's	32	53.1	50.0	15.6	18.7	18.7	9.3	6.2	12.5	6.2	...	...	...
St. Luke's	25	60.0	36.0	28.0	40.0	4.0	12.0	8.0	...	10.3	...	...	3.1
St. Mary's	29	55.1	58.6	20.6	17.2	10.3	6.8	3.4	6.8	...	...	...	3.4
St. Matthew's	27	59.2	51.8	22.2	22.2	7.4	7.4	7.4	11.1	3.7	3.7	...	3.7
St. Michael's	26	80.7	84.6	3.8	...	15.3	7.6	5.8	7.6	...	...	...	...
St. Paul's	17	64.7	76.4	23.5	11.7	5.8	5.8	5.8	5.8	...	...	...	...
St. Peter's C.E.	10	9.0	90.0	...	...	...	10.0	...	...	10.0	...	...	...
" " R.C.	13	76.9	61.5	23.0	38.4	...	...	...	...	...	...	...	...
St. Silas'	22	59.0	54.5	22.7	9.0	13.6	13.6	4.5	9.0	...	...	...	4.5
St. Stephen's	26	92.3	80.7	...	15.3	3.8	3.8	3.8	...	...	3.8	...	...
St. Thomas'	27	88.8	81.4	11.1	7.4	7.4	7.4	...	3.7	...	...	...	...
Wensley Fold	19	42.1	42.1	42.1	26.3	5.2	10.5	...	5.2	5.2	10.5	5.2	5.2

RINGWORM.

Considerable attention has been paid to this condition during the year.

On several occasions it has been necessary to exclude batches of children from one class owing to the infecting case not being detected at an earlier date by the teacher.

Head Teachers have been encouraged to send children to me who were suffering from any doubtful skin disease. A great many of the teachers availed themselves of this opportunity, but I should like to see greater advantage taken of this offer, because in many cases this would facilitate the control of Ringworm amongst school children, and it would then be unnecessary to exclude the children in batches, as I have had to do previously.

A large number of specimens of hair were taken for microscopical examination at the Blackburn Fever Hospital Laboratory.

It would be a great help if all cases of Ringworm excluded from School were sent to me before being re-admitted, as it would then be possible for a specimen of hair to be taken from each case before the child returned to School, and no child would then be admitted until a negative result was obtained.

MISCELLANEOUS ITEMS.

BLIND CHILDREN.

During the year I certified 5 children as suitable for admission to a Blind Institution.

At the present time the Education Committee have 13 children at various Blind Schools, as follows:—

Fulwood, Preston	6
Hardman Street, Liverpool	1
Brunswick Road, Liverpool	5
Henshaw's Blind Asylum, Manchester	1

DEAF AND DUMB CHILDREN.

During the year I certified 4 children as suitable for admission to a Deaf and Dumb Institution.

At the present time the Education Committee have 13 children at various Deaf and Dumb Schools, as follows:—

Royal Cross, Preston	8
Boston Spa	4
Royal Schools, Manchester	1

REGENT STREET SPECIAL SCHOOL.

This is a School for mentally deficient children.

The average number of children on the books of the School during the year was 78.

15 children have been admitted during the year, and 15 have left.

The reasons for leaving were as follows:—

Left the town	5
Delicate	2
Working in Mill	3
„ as a Gardener	1
„ as a Tailor	1
„ at a Shop	1
„ on a Farm	1
„ at a Corn Mill	1

At the Swimming Baths, certificates of proficiency were awarded to 12 of the scholars attending this School, and most of the others are making very satisfactory progress.

4 children received prizes at the Children's Plant-Growing Exhibition held in September, 1912.

7 older girls have taken a second course in Cookery, Laundry Work, Housewifery, and they have also been taught simple Dressmaking. 9 younger girls have been taught simple Cookery, Laundry Work, Sewing, and Knitting.

The Tailoring lessons given to the older boys have been continued with good results.

The Clogging lessons have also been continued with success.

The Manual Instruction given to the younger children includes:—Rug-making, string bag-making, clay-modelling, and simple brushwork, cardboard-modelling and simple measuring, raffia and cane work, woollen scarf-making, woollen and paper ball-making, crayon-drawing, cutting, and mounting, free-arm drawing, and paper folding.

The Head Mistress and other Teachers still continue to carry out their work at this School with patience, tact, and enthusiasm.

PLANT-GROWING COMPETITION.

At the end of May, 1912, 2,550 young plants, consisting of fuchsias, geraniums, ferns, etc., were distributed to school children by the Parks Committee of the Blackburn Corporation.

Soil for re-potting was supplied to each competitor at the Corporation and Queen's Parks.

The tenth Annual Exhibition of Plants grown by School children was held on September 13th and 14th, in the Corporation Park, and was largely attended by School children and others.

1,873 plants were exhibited in three Classes, namely:—

- (a) Plants grown in windows.
- (b) Plants grown in greenhouses.
- (c) Two-year old plants.

After competent judging, 220 prizes, in the form of bags, purses, writing cases, footballs, and other articles, were awarded to successful competitors.

I regard this practical form of encouragement to School children to take a personal, continuous interest in plant life, as an admirable measure in their training.

SWIMMING INSTRUCTION.

There was an average weekly attendance at the Corporation Baths of 4,170, of whom 2,970 were boys, and 1,200 were girls.

There was a total number of attendances of 103,409.

The Baths Committee of the Blackburn Corporation granted facilities for instruction in swimming as in former years. The time-table was drawn up by the Special Committee of Teachers, and the work was supervised by this Committee and their Honorary Secretary.

A very high standard was again obtained in the art of swimming and life-saving.

The distances which 1,054 children were able to swim were as follows:—

One breadth	256
One length	590
Half-mile	208

The Baths Committee revised the conditions under which a child may obtain a free Season Ticket, by reducing the distance to be traversed from one mile to half a mile, with the restriction that all candidates for the Tickets must be 12 years of age or over.

FEEDING OF SCHOOL CHILDREN.

I am indebted to the Director of Education for the following information, which is the Fifth Annual Report of the School Canteen Committee.

Throughout the year the food has been cooked at the Mayson Street Centre, and has been distributed at the following Feeding Centres:—Accrington Road Council School, Bent

Street Ragged School, Mayson Street Cookery Centre, Mill Hill Salvation Army Barracks, Russell Street Ragged School, Salisbury Street Chapel, St. Alban's Cookery Centre, and St. Anne's Parochial Hall. In no case has a room (other than a Cooking Centre) which has been used for teaching purposes, served as a Feeding Centre.

The meals have been provided throughout the year both in school term time and in holidays. During the holidays, all the expenses have been defrayed by voluntary contributions.

The Administration Expenses, which were defrayed from the rates, amounted to £230 2s. 4d., as set out hereunder:—

	£	s.	d.
Books, Apparatus, and Repairs	40	17	8
Rent of Centres	7	16	8
Caretakers' Wages	85	9	6
Carriage of Food	70	1	0
Gas (share of)	25	17	6
	£230	2	4

The Board of Guardians have paid for the meals of those children whose parents were, at the time, in receipt of relief.

The total number of meals given during the year was 43,552, 9,354 being paid for by the Guardians, and the remaining 34,198 from voluntary contributions; the corresponding figures were, respectively: 1911-12, 59,537, 17,786, and 41,751; for 1910-11, 68,182, 28,929, and 39,253; for 1909-10, 104,040, 32,504, and 71,536.

The following particulars refer only to those children whose meals were paid for from voluntary contributions, and not from the Guardians:—

Number fed for not more than:

1 week	8 children from 4 families.
2 weeks	22 „ „ 10 „
1 month	150 „ „ 66 „

2 months	95 children from 34 families.		
3 " 	61 " " "	24 "	
4 " 	49 " " "	18 "	
5 " 	39 " " "	12 "	
6 " 	17 " " "	6 "	
7 " 	16 " " "	8 "	
8 " 	15 " " "	6 "	
9 " 	21 " " "	8 "	
10 " 	7 " " "	4 "	
11 " 	4 " " "	2 "	
12 " 	14 " " "	4 "	
	518	206	

Corresponding figures:—

1911-12	1,308	540
1910-11	768	287
1909-10	1,480	689

The numbers in the respective families were:—Two in 7 cases, three in 16 cases, four in 32 cases, five in 35 cases, six in 45 cases, seven in 35 cases, eight in 23 cases, nine in 10 cases, 10 in two cases, and 11 in one case.

There was only one worker in 96 families, two in 73, three in 29, four in five, five in one, six in one family, and no workers in one family.

A great number of the 518 families from which children were fed, had received out-relief from the Guardians either during part of 1912-13, or in previous years.

The occupations of the fathers included:—Cotton operatives, 15; other skilled workmen, 28; clerk, 1; labourers, 78; carters and drivers, 6; window cleaners, 5; hawkers, 4; commission agents, 2; butcher, 1; baker, 1; out-porter, 1; rag gatherers, 2; boatmen, 2; juggler, 1; musician, 1; other occupations, 7; father dead or away from home, 46; invalid, 1; stokers, 3; coal heaver, 1.

The occupations of the mothers included:—Cotton operatives, 54; house, 117; charwomen and house, 20; machinist, 1; cook, 1; hawker, 1; laundry, 1; paper-blind works, 1; domestic servant, 1; invalids, 2; mother dead or away from home, 7.

MORTALITY AMONGST BLACKBURN SCHOOL
CHILDREN DURING 1912.

The following Table is of interest as showing the mortality amongst Blackburn children between the ages of 3 and 13 years, from the various causes.

TABLE LI.

Deaths of Children in Blackburn during 1912, between the ages of 3 and 13 years inclusive.

Cause of Death.	AGE PERIODS.													Males	Females	TOTAL
	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14					
<i>Zymotic Diseases :</i>																
Measles	2	3	2	...	1	...	...	...	...	...	...	...	3	5	8	
Scarlet Fever	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	
Whooping Cough	1	1	...	...	...	...	...	...	...	...	...	...	...	2	2	
Diphtheria, Membranous Croup	4	2	1	..	...	...	...	...	...	...	...	...	3	4	7	
<i>Tubercular Diseases :</i>																
Pulmonary Tuberculosis	...	1	...	1	...	...	..	...	...	1	2	2	3	5		
Tuberculous Meningitis	1	1	...	...	...	1	...	...	...	...	1	3	1	4		
Other Peritoneal and Intestinal Tubercle ...	..	...	1	...	...	...	...	...	...	...	1	1	1	2		
Tuberculosis of Spinal Column	...	...	...	...	...	...	...	...	1	...	...	..	1	1		
Disseminated Tuberculosis	...	...	...	...	...	1	...	...	...	...	...	1	...	1		
<i>Nervous Diseases :</i>																
Meningitis	...	...	1	...	...	1	...	...	2	...	...	1	3	4		
Epilepsy	...	...	...	...	...	...	2	...	...	...	...	1	1	2		
Convulsions	1	...	...	...	...	...	...	...	...	...	...	...	1	1		
Chorea	...	1	...	...	...	...	...	...	...	...	...	...	1	1		
Other Diseases	...	1	...	...	...	...	...	...	...	...	...	1	...	1		
<i>Diseases of the Circulatory System :</i>																
Valvular Disease	...	...	...	1	...	..	...	...	...	1	...	1	1	2		
Other Organic Diseases of the Heart	...	...	...	...	...	...	...	...	...	...	1	1	...	1		

TABLE II.—Deaths of Children.—Continued.

Cause of Death.	AGE PERIODS.													Males	Females	TOTAL
	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14					
<i>Diseases of the Respiratory System :</i>																
Bronchitis	1													1	1	
Broncho-Pneumonia ...	6	4	2											6	6	12
Lobar-Pneumonia		1												1	1	
Pneumonia (type not stated)										1				1	1	
Empyema		1												1		1
Other Pleurisy		1				1					1		2	1	3	
<i>Diseases of the Digestive System :</i>																
Appendicitis						1							1		1	
Other Diseases of Liver and Gall Bladder ...				1									1		1	
<i>Diseases of the Urinary System :</i>																
Nephritis									1					1	1	
<i>Other Diseases :</i>																
Septicæmia											1	1			1	
Rheumatic Fever											1			1	1	
Diabetes									1					1	1	
Lymphadenoma										1				1		1
Laryngitis	3			1									4		4	
Tonsillitis				1									1		1	
Atrophy, Debility, Marasmus							1							1	1	
Burns		1												1	1	
Accidental Drowning .	1	1		2	1								5		5	
Injury by Falls						1		1					2		2	
Injury by other Crushing (Vehicles, Railways, etc.)		1			1		1						2	1	3	
Totals	20	21	7	7	3	6	4	1	5	4	8	46	40	86		

THE TREATMENT OF DEFECTS DISCOVERED IN THE MEDICAL INSPECTION OF BLACKBURN SCHOOL CHILDREN.

No direct treatment of the defects has been carried out by the Blackburn Education Authority up to the present time.

As already stated, each Tuesday morning is devoted by myself to interviews with parents at the Health Office, and to the examination of their accompanying children, who had been referred to me specially by the School Attendance Officers.

Each Wednesday afternoon is devoted by my Assistant to interviews with parents at the Health Office, and to the further examination of their children who had previously been selected by him from amongst the scholars, at the various Schools, during his systematic medical inspections.

The above represents the only substitute for a School Clinic in Blackburn at the present time. In fact, it is an Inspection Clinic.

The following is the account of Dr. Linton's work on Wednesday afternoon examinations:—

During the year 1912, 1,535 notices of defects were sent out, and in response to these the relatives or friends of 554 children (about 36.1 per cent.) called at the Health Office on Wednesday afternoons in order to obtain further information about the defect from which these children had been found to be suffering. In 490 cases the children were brought to the Office. It is very desirable that this should be done, as the defect may then be demonstrated to the parent. In 390 cases enquiry was made by the mother, in 41 cases by the father, and in the remainder by other relatives or friends.

The defects from which these children were suffering were as follows:—

Defective Sight	200
Ringworm	77
Anæmia	37

Enlarged Tonsils	33
Blepharitis	22
Otorrhœa	21
Squint	20
Heart Disease	18
Verminous Conditions	16
Adenoids	29
Deafness	9
Doubtful Phthisis	7
Keratitis	6
Sore Head	6
Conjunctivitis	6
Bronchial Catarrh	9
Bad Teeth	5
Chorea	4
Convalescent Measles	2
Dirty Head	2
Tonsillitis	2
Contracted Fingers	2
Enlarged Glands	1
Nervousness	1
Sore Hip	1
Sore Throat	1
Psoriasis	1
Eczema	1
Ulcer of Eye	1
Wry Neck	1
Debility	1
Impetigo	1
Eye Disease	1
Ear Disease	1
Septic Finger	1
Myopia	1
Urticarial Rash	1
Cataract	1
Obstructed Tear Duct	1
Biliousness	1
Accident	1
Laryngitis	1
Weak-minded	1

22 children were sent direct from School by the teachers.

During the year ending December 31st, 1912, 1,535 notices were sent to parents respecting defects found amongst School children.

These notices comprised 1,677 defects, which are tabulated in School order in Table LII.

The number of defects inquired into by the two whole-time School Nurses during the year was 2,441. This number includes cases left over from the previous year.

The total number of visits paid by these School Nurses during the year 1912 was 6,172. These visits include 309 to the Schools, and 5,863 to those houses containing children who have been discovered, through medical inspection at the Schools, as suffering from various defects, and to whose parents medical advice had been suggested where such had been considered necessary.

As showing that it is very often necessary for the School Nurses to visit the homes more than once before any satisfaction can be obtained, the following statement is of interest:—

479	cases	required	1	visit.
560	„	„	2	visits.
350	„	„	3	„
178	„	„	4	„
107	„	„	5	„
17	„	„	6	„
6	„	„	7	„

In addition to the above, a large number of visits were paid to children with Dirty and Sore Heads, and dirty conditions generally. Some of these cases have required as many as 17 visits before they were considered fit to return to School.

As a result of visits and re-visits to the above-mentioned children with defects, it was ascertained that 1,648 had received treatment, and 793 did not receive any treatment.

Thus 67.5 per cent. of these defects received treatment during the year 1912.

Respecting the 1,648 defects which received treatment, it was ascertained that 460 were treated by the general medical practitioners, 149 received treatment at the Blackburn and East Lancashire Infirmary, 146 visited an optician to obtain spectacles or to have their spectacles changed, 54 visited dentists so that attention might be paid to their teeth, and 839 received some form of home treatment, such as extra nourishment in cases of anæmia, and ointment from chemists in certain cases of skin trouble.

Respecting the 793 defects which did not receive any treatment, in spite of repeated visitation by the School Nurses, the Nurses were informed that poverty was the cause in 120 instances, and they were of opinion that apathy and neglect on the part of the parents was the cause of non-treatment in 551 instances.

In 122 instances the children had left the School, or the town, or could not be traced, or the parents said that they did not intend to obtain treatment for their children. Also, in a certain number of cases, the parents had promised to obtain treatment, but had failed to do so up to the most recent visit of the School Nurse.

It will now be of interest if I record fuller details respecting the measures taken by parents in certain defects which had been found.

Enlarged Tonsils, Tonsils and Adenoids, and Adenoids.—306 children with Enlarged Tonsils, Tonsils and Adenoids, and Adenoids, were visited at their own homes by the School Nurses, *i.e.*, in following up notices which had been previously sent to the parents concerning the defective condition of their children. Of these 306 cases, 202 received treatment and 104 did not receive treatment. Of the 104 cases not treated, the cause appeared to be poverty in 9 instances, apathy and neglect in 73 instances, and in the remaining 22 instances the children had left the School, or the town, or else nothing definite could be ascertained.

20 children were operated upon at home, and 40 at the Infirmary.

Eye Defects (including Defective Vision).—1,003 cases of Eye Defects (including Defective Vision) were visited by the School Nurses. In 415 cases treatment was obtained, and in 588 cases no treatment was obtained. The cause of non-treatment appeared to be poverty in 102 instances, apathy and neglect in 412 instances, and in the remaining 74 instances the children had left School, or town, or nothing definite could be ascertained.

In 33 instances children obtained glasses from a medical practitioner, 27 through the Infirmary, and 138 from an optician.

Diseases of the Ear.—113 cases were visited at home by the School Nurses. In 89 instances treatment was obtained, and in 24 instances no treatment was obtained. The cause of non-treatment appeared to be poverty in 4 instances, apathy and neglect in 15 instances, and in the remaining 5 instances the children had left the town, or School, or no definite cause could be ascertained.

One child was operated upon at the Infirmary.

Anæmia.—128 cases were visited at their own homes by the School Nurses. In 116 instances treatment was obtained, and in 12 instances no treatment was obtained. The cause of non-treatment appeared to be apathy and neglect in 9 instances, and in the remaining 3 instances the children had left the town.

Carious Teeth.—121 cases were visited at their own homes by the School Nurses. In 71 instances treatment was obtained, and in 50 cases no treatment was obtained. The cause of non-treatment appeared to be poverty in 4 instances, apathy and neglect in 32 instances, and in the remaining 14 instances no definite cause was ascertained.

Respiratory Diseases.—18 cases were visited at their own homes by the School Nurses. In 15 cases treatment was

obtained, and in 3 instances no treatment was obtained. The cause of non-treatment appeared to be apathy and neglect in all the cases.

Circulatory Diseases.—24 cases were visited at their homes by the School Nurses. In 17 instances treatment was obtained, and in 7 instances no treatment was obtained. The cause of non-treatment appeared to be apathy and neglect in 4 instances, and in the remaining 3 instances no definite cause was ascertained.

Skin Diseases.—164 cases were visited at their own homes by the School Nurses. All these cases were treated.

Dirty Heads, General Neglect, etc.—548 cases were visited at their own homes by the School Nurses. In all these instances the conditions were remedied.

Other Diseases.—16 cases were visited at their own homes by the School Nurses. In 11 instances treatment was obtained, and in 5 instances no treatment was obtained. The cause of non-treatment appeared to be poverty in 1 instance, apathy and neglect in 3 instances, and in the remaining instance the child had left the town.

It will be seen from the previous statement that the percentage of cases treated is higher than for the year 1911, and that Eye Defects and Carious Teeth again show the lowest percentages of cases treated.

With regard to the treatment of Eye Defects, it should be stated that, out of a total number of 1,003 Eye Defects, which include Blepharitis, Conjunctivitis, etc., 870 were for Defective Vision.

Out of the total number of 870 cases of Defective Vision visited, only 320, or 36.7 per cent., received treatment. Of the remaining 133 Eye Defects (other than Defective Vision) visited during the year 1912, 95, or 71.4 per cent., received treatment.

It will therefore be seen that Defective Vision has considerably affected the percentage of defects treated in Blackburn during the year 1912.

TABLE LII.

Showing defects found for which notices were sent to parents.

SCHOOL.	Tonsils	Tonsils and Adenoids	Adenoids	Eye Defects	Ear	Skin	Circulatory Diseases	Respiratory Diseases	Anemia	Teeth	Dirty Heads, &c.	Others
Accrington Road	2	...	4	8	3	...	...	1	5	2	...	1
Audley Range	1	1	6	23	4	...	1	...	5	2	...	1
All Saints'	...	...	1	16	2	...	...	2	1	...	...	...
Bangor Street	3	...	3	24	5	1	1	3	2	5	...	...
Bank Top	4	1	2	25	2	1	...	...	2	1	...	...
Blakey Moor C.	5	...	...	1	4	...	...	...	2	...	...	...
Cedar Street	4	1	5	21	2	...	1	1	1	2	...	...
Christ Church	...	...	3	40	4	...	...	...	...	...	...	...
Emmanuel	3	...	1	19	...	1	...	...	...	1	...	...
Furthergate	2	...	1	16	2	...	...	1	...	2	...	...
Four Lanes End	6	...	3	6	1	...	1	...	...	2	...	...
Griffin	6	1	6	36	4	2	...	...	4	2	...	...
Higher Elementary	...	...	...	1	...	...	...	...	...	1	...	1
Holy Trinity	2	5	...	55	5	...	1	...	2	...	...	...
Lower Darwen C.	...	...	1	7	1	...	...	...	3	1	...	...
Maudsley Street	3	...	6	29	4	4	...	...	8	1	...	...
Moss Street	5	...	3	29	2	1	...	1	7	4	...	...
Mill Hill C.	5	1	2	55	...	...	...	...	2	3	2	1
Norfolk Street	2	...	1	8	1	...	...	...	1	1	...	1
Parish Higher Grade	4	...	2	8	3	...	...	...	4	1	...	...
Park Road	3	...	6	20	3	...	...	...	5	4	...	...
Sacred Heart	4	...	3	9	1	...	...	...	...	...	...	...
St. Alban's	3	2	4	23	15	1	1	...	7	3	...	1
" H.G.	...	...	1	2	1	...	1	1	1	...	...	...

TABLE LII.—Continued.
Showing defects found for which notices were sent to parents.

SCHOOL.	Tonsils	Tonsils and Adenoids	Adenoids	Eye Defects	Ear	Skin	Circulatory Diseases	Respiratory Diseases	Anæmia	Teeth	Dirty Heads, &c.	Others
St. Anne's	5	1	7	29	5	4	4	4	...	2	...	...
St. Andrew's	1	2	4	19	1	...	1	...	6	1	...	...
St. Barnabas'	...	...	1	25	1	3	...	1	...	...	3	...
St. Bartholomew's	2	1	4	13	1	...	...	1	1	...	...	1
St. Gabriel's	3	...	2	9	1	...	...	...	...	2	...	...
St. James's C.E.	1	...	1	2	...	...	...	...	1	2	...	...
" Black-a-Moor	...	...	1	...	1	...	...	...	1	2	...	...
" Guide	1	...	1	...	1	1	...	...	...	...	...	...
St. John's	10	...	1	41	6	...	2	1	...	5	1	1
St. Joseph's	2	...	...	64	4	...	...	...	4	...	...	...
St. Luke's	...	...	9	26	1	1	...	...	4	1	...	1
St. Mary's	2	...	2	40	4	...	4	2	3	2	...	1
St. Matthew's	4	...	3	30	3	1	1	...	6	...	...	...
St. Michael's	3	...	5	16	2	...	...	...	4	1	1	1
St. Paul's	3	...	1	33	5	...	...	...	2	2	...	...
St. Peter's	...	...	7	19	2	...	...	...	1	2	...	...
" C.E.	2	...	3	35	...	...	...	...	1	2	...	...
" R.C.	6	...	5	17	...	1	2	1	1	3	...	...
St. Silas'	4	...	2	27	2	...	2	1	2	2	...	...
St. Stephen's	3	1	3	43	4	...	2	...	7	3	...	...
St. Thomas'	2	...	4	31	1	4	...	1	1	2	2	2
Wensley Fold	1	...	...	2	...	...	...	...	...	...	...	...
Witton Infants	1	...	...	2	...	...	...	...	...	...	...	...
Total	122	19	130	1010	114	26	25	22	115	71	10	13

TABLE LIII.

Percentage of Defects treated during 1912.

Defect.	Number of Defects	Number of defects treated	Number of defects not treated	Percentage of defects treated
Enlarged Tonsils, Tonsils and Adenoids and Adenoids	306	202	104	66·0
Eye Defects	1003	415	588	41·3
Ear Defects	113	89	24	78·7
Anæmia	128	116	12	90·6
Carious Teeth	121	71	50	58·6
Skin Diseases	164	164	...	100·0
Dirty Heads, etc.	548	548	...	100·0
Respiratory Diseases	18	15	3	83·3
Circulatory Diseases	24	17	7	70·8
Other Diseases	16	11	5	68·7
Total	2441	1648	793	67·5

CONCLUSION.

From the foregoing it will be seen that a large amount of work has been carried out in School Hygiene in Blackburn during 1912.

It is to be hoped sincerely that this work will be continued and extended in the future. With reference to future extension, the treatment of defects of the teeth and the vision should receive especial consideration.

The results of such work cannot fail to be of the utmost value to the rising generation.